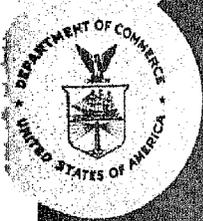


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Metropolitan Housing Characteristics

MACON, GA.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-125

1970
CENSUS OF
HOUSING

U.S. DEPARTMENT
OF COMMERCE
Social and Economic
Statistics Administration
BUREAU OF
THE CENSUS



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**1970
CENSUS OF
HOUSING**

Metropolitan
Housing
Characteristics

MACON, GA.

**STANDARD METROPOLITAN
STATISTICAL AREA**

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TABLE FINDING GUIDE—Cross-Classification of Subjects by Table Number

This guide lists all subjects covered in this report. An asterisk (*) indicates that data are shown for housing units with Negro head of household, and the dagger symbol (†) means that the data are shown for housing units with household head of Spanish heritage; these data are shown when an area has 25,000 or more Negro or Spanish heritage population, respectively.

Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rent asked
OCCUPANCY AND VACANCY CHARACTERISTICS										
Year moved into unit	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Duration of vacancy	—	—	—	9 ¹	9	9	—	—	—	9
UTILIZATION CHARACTERISTICS										
Number of rooms	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	5, 15*, 23†	—	6, 16*, 24†	—	5, 15*, 23†	9	—
Size of household (persons)	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	8, 18*, 26†	8, 18*, 26†	—	—	—
Number of bedrooms	1, 11*	2, 12*	3, 13*	—	5, 15*	6, 16*	—	8, 18*	9	10
Persons per room	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
PLUMBING CHARACTERISTICS										
Plumbing facilities	—	—	—	—	—	—	—	—	9	10
Plumbing facilities by persons per room	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
Complete bathrooms	1, 11*, 19†	2, 12*, 20†	—	—	5, 15*, 23†	—	—	8, 18*, 26†	—	—
STRUCTURAL CHARACTERISTICS										
Units in structure	—	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	—	7, 17*, 25†	8, 18*, 26†	9	10
Year structure built	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	6, 16*, 24†	—	8, 18*, 26†	9	10
Elevator in structure	—	2, 12*	—	—	—	—	—	—	—	—
EQUIPMENT AND APPLIANCES										
Heating equipment	1, 11*, 19†	—	—	4, 14*, 22†	—	6, 16*, 24†	—	—	9	—
Air conditioning	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Automobiles available	—	—	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Second home	—	—	3, 13*	—	—	—	—	—	—	—
Automatic clothes washing machine	—	—	3, 13*	—	—	—	—	—	—	—
Clothes dryer	—	—	3, 13*	—	—	—	—	—	—	—
Dishwasher	—	—	3, 13*	—	—	—	—	—	—	—
Home food freezer	—	—	3, 13*	—	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS										
Value	—	—	1, 11*, 19†	1, 11*, 19†	1, 11*, 19†	—	1, 11*, 19†	1, 11*, 19†	—	—
Value-income ratio	—	—	—	4, 14*, 22†	5, 15*, 23†	—	7, 17*, 25†	8, 18*, 26†	—	—
Gross rent	—	—	2, 12*, 20†	2, 12*, 20†	2, 12*, 20†	6, 16*, 24†	7, 17*, 25†	2, 12*, 20†	—	—
Gross rent as percentage of income	—	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	—	7, 17*, 25†	8, 18*, 26†	—	—
Gross rent as percentage of income by income	—	2	—	—	—	—	—	—	—	—
Sales price asked	—	—	—	10 ¹	—	—	—	—	9	—
Rent asked	—	—	—	10 ¹	—	10	—	—	9	—
Inclusion of utilities in rent	—	—	—	—	—	—	—	—	—	10
HOUSEHOLD CHARACTERISTICS										
Household composition by age of head	1, 11*, 19†	7, 17*, 25†	7, 17*, 25†	7, 17*, 25†	—	7, 17*, 25†	—	8, 18*, 26†	—	—
Income in 1969	1, 11*, 19†	2, 12*, 20†	—	4, 14*, 22†	3, 13*, 21†	6, 16*, 24†	7, 17*, 25†	3, 13*, 21†	—	—

¹ Vacant units tabulated by plumbing facilities only.

INTRODUCTION

APPENDIXES

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GENERAL

This report presents cross-tabulations of housing and household characteristics from the 1970 Census of Population and Housing for the standard metropolitan statistical area, its central city or cities, and its places of 50,000 inhabitants or more. Legal provision for this census, which was conducted as of April 1, 1970, was made in the Act of Congress of August 31, 1954 (amended August 1957), which codified Title 13, United States Code.

This report series contains 248 reports as listed on page II. There is one report for each standard metropolitan statistical area (recognized as of February 1971) in the United States and Puerto Rico, as well as a summary report for the United States.

This series of reports is one of the several series which present the information compiled from the census. For a description of the full data dissemination program of the 1970 Population and Housing Census, see Appendix D, "Publication and Computer Summary Tape Program."

The content and procedures of the 1970 census were determined after evaluation of the results of the 1960 census, consultation with a wide variety of users of census data, and extensive field pretesting. A number of

changes were introduced in 1970 to improve the usefulness of the census results. For most of the characteristics shown in this report, the changes do not, however, affect to any appreciable extent the comparability of the 1970 data with those for 1960; further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in later reports of the 1970 census.

Organization of the text.—The text consists of this introduction and four appendixes which appear after the tables. Appendix A describes the various area classifications (e.g., places, standard metropolitan statistical areas, etc.) and briefly explains the residence rules used in counting the population. Appendix B provides definitions and explanations for the subjects covered in this report, including facsimiles of the 1970 census questionnaire pages and a facsimile of the instruction sheet. Appendix C presents information on sources of error in the data, editing procedures, the sample design, ratio estimation, and sampling variability. Appendix D summarizes the data dissemination program of the 1970 census.

Content of the tables.—A series of standard tables is presented for each area shown in this report. Tables 1 to 8 present statistics for owner-occupied and renter-occupied units. Tables 9 and 10 present statistics for vacant units, separately for units for

sale and for units for rent. Data for housing units with Negro head of household are presented in tables 11 to 18, and data for housing units with heads of Spanish heritage (i.e., heads of Spanish language or surname or of Puerto Rican birth or parentage) are presented in tables 19 to 26; these tables, which have the same subject content as tables 1 to 8, are published for those standard metropolitan statistical areas, cities or places that have a population of 25,000 or more for the particular group. The finding guide on page IV lists the characteristics covered in this report and shows the tables in which the various types of statistics appear.

The prefix letter "A" has been assigned to the tables for the total standard metropolitan statistical area; tables for the central cities and places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.

Sample size.—The statistics presented in this report are based on a sample of housing units. More specifically, the data are derived from the 15-percent and 5-percent sample questionnaires (see "Data Collection Procedures," below). Some items appeared on both sample questionnaires and, therefore, are based on a 20-percent sample of housing units. The sampling rate for each subject is shown in table A of Appendix C, "Accuracy of the Data." Appendix C also presents information on the sampling variability associated with these data.

Statistics for some subgroups (e.g., households in owner-occupied units with incomes of less than \$2,000 or renter-occupied 1-room units) may differ from table to table or within the same table when the figures are tabulated from different samples.

Derived figures (medians, etc.).—Shown in this report are medians as well as certain percentages and ratios. The median, which is a type of average, is the middle value in a distribution; i.e., the median divides the distribution into two equal parts—one-half of the cases fall below the median and one-half of the cases exceed the median. For all types of derived figures in this report, the figure is not presented (but indicated by three dots "...") if there are fewer than the prescribed number of units in the distribution or the base. For the 20-percent sample, the minimum number of housing units is 100; for the 15-percent sample, the minimum is 132; and for the 5-percent sample, the minimum is 400.

Medians for rooms and persons are rounded to the nearest tenth, for value to the nearest hundred dollars, and for rent to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 rooms" is treated as an interval ranging from 2.5 up to 3.5 rooms. In computing median rent, units reported as "no cash rent" are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. When the median falls in the lower terminal category of an open-end distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category "Less than \$5,000," it is shown as "\$5,000—." When the median falls in the upper terminal category of an open-end distribution, the method of presentation is to show the initial value of the

terminal category followed by a plus sign; thus, for example, if the median falls in the category "\$50,000 or more," it is shown as "\$50,000+."

Symbols.—A dash "—" signifies zero. Three dots "..." mean not applicable, or that the base for a derived figure is too small for it to be shown, or that the data are being withheld to avoid disclosure of information for individual housing units. The symbol "U" means that the place is unincorporated.

Boundaries.—The data shown for 1970 relate to the boundaries as they existed on January 1, 1970. Information on boundary changes between 1960 and 1970 for certain types of areas is given in the 1970 Population Census PC(1)-A reports.

DATA COLLECTION PROCEDURES

The 1970 census was conducted primarily through self-enumeration. In 1960, self-enumeration was first introduced on a nationwide scale as a substitute for the traditional census direct interview.

A census questionnaire was delivered by postal carriers to every household several days before Census Day, April 1, 1970. This questionnaire contained certain explanatory information and was accompanied by an instruction sheet; in areas with comparatively large proportions of Spanish-speaking persons, a Spanish version of the instruction sheet was also enclosed. Some of this material is reproduced in Appendix B, "Definitions and Explanations of Subject Characteristics."

In the larger metropolitan areas and some adjacent counties, altogether containing about three-fifths of the

population of the United States, the householder was requested to fill out and mail back the form on Census Day. Approximately 87 percent of the householders did so. The mailed-back forms were reviewed by the census enumerator (or, in some localities, a census clerk) and if the form was determined to be incomplete or inconsistent, a followup was made. The bulk of these followups were made by telephone, the rest by personal visit. For the households that did not mail back their forms, a followup was also made, in almost all cases by personal visit and in the remainder by telephone; vacant units were enumerated by personal visit.

For the remaining two-fifths of the population, the householder was requested to fill out the form and give it to the enumerator when he called; approximately 80 percent did so. Incomplete and unfilled forms were completed by interview during the enumerator's visit.

Three types of questionnaires were used throughout the country: 80 percent of the households answered a form containing a limited number of population and housing questions and the remainder, split into 15-percent and 5-percent samples, answered forms which contained these questions as well as a number of additional questions. Some of the additional questions were the same on the 15-percent and 5-percent versions; others were different. A random procedure was used to determine which of the three forms any particular household answered.

In the metropolitan and adjacent areas, the designated type was sent to each household. In the remaining areas, the questionnaire with a limited number of questions was distributed to all households and the enumerators

interviewed for the additional questions in those households designated for the 15-percent and 5-percent samples.

The subjects covered in this report are all drawn from the 15-percent and 5-percent sample questionnaires.

PROCESSING PROCEDURES

The 1970 census questionnaires were specially designed to be processed by FOSDIC (Film Optical

Sensing Device for Input to Computers). Respondents and enumerators (and for some few items, census clerks) marked the answers in predesignated positions which could be "read" by FOSDIC, from a microfilm copy of the questionnaire, onto computer magnetic tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing

and tabulation steps (see Appendix C, "Accuracy of the Data"). One of the end results of this operation was a computer tape from which the tables in this report were prepared on a cathode-ray-tube phototypesetting machine at the Government Printing Office. Another end result was the summary tape which is available for purchase, as described in Appendix D, "Publication and Computer Summary Tape Program."

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METROPOLITAN HOUSING CHARACTERISTICS

Macon, Ga.

STANDARD METROPOLITAN STATISTICAL AREA

[Page numbers listed here omit the SMSA prefix number which appears as part of the page number for each page. The prefix for this SMSA is 125.]

page

MAP

Counties, Standard Metropolitan
Statistical Areas, and Selected Places **XI**

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		<i>Pages</i>	<i>Pages</i>	<i>Pages</i>
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Macon	B	18 to 26	27 to 34	—

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Counties, Standard Metropolitan Statistical Areas, and Selected Places

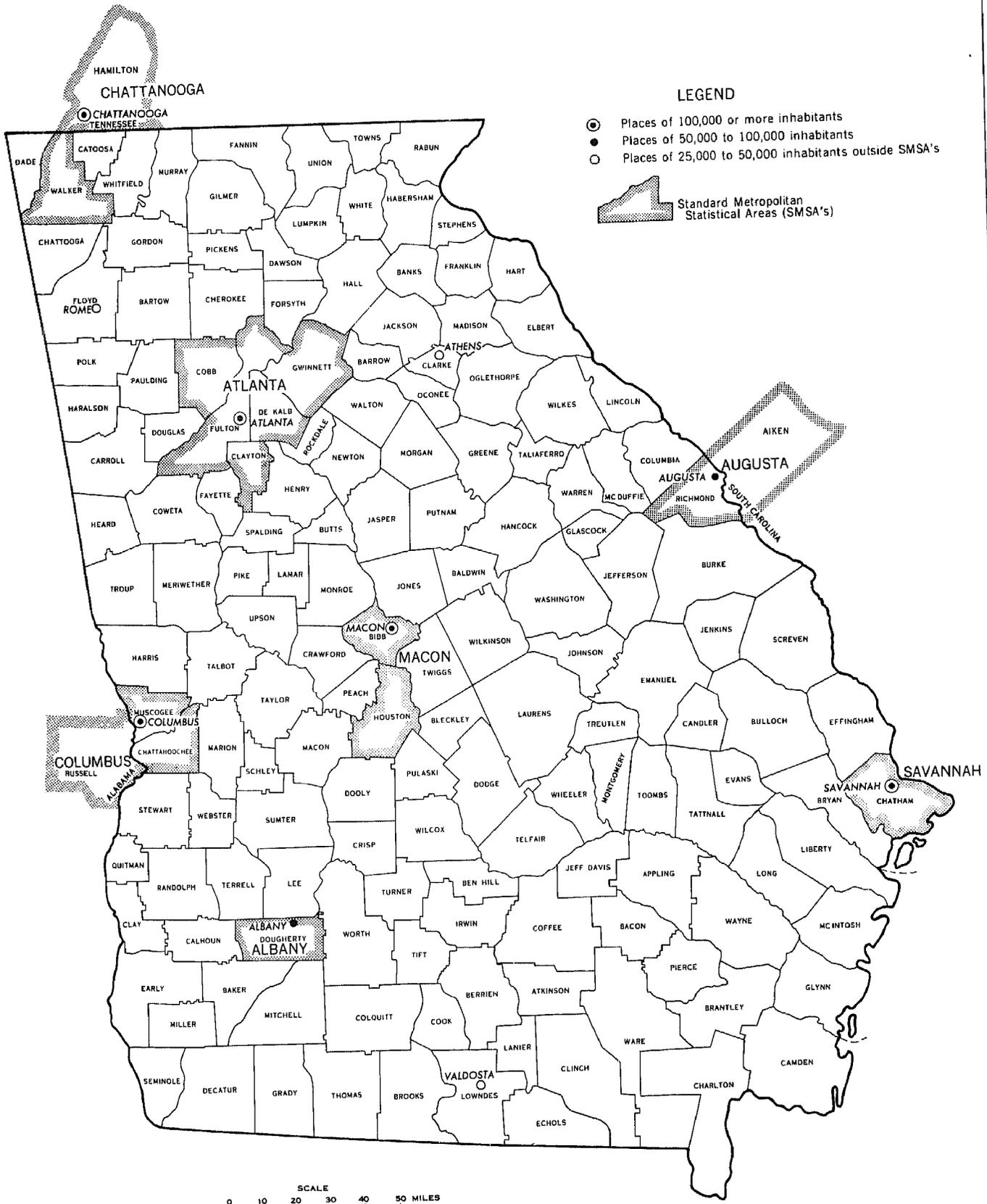


Table A-1. Value of Owner Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	31 919	1 505	2 765	3 810	4 819	4 617	7 105	3 331	2 527	975	465	14 200
ROOMS												
1 and 2 rooms	56	31	11	10	4	—	—	—	—	—	—	...
3 rooms	505	223	120	93	33	15	21	—	—	—	—	5 600
4 rooms	3 163	575	926	743	478	192	182	42	5	15	5	7 800
5 rooms	9 714	351	948	1 711	2 076	1 821	2 163	467	119	30	28	12 200
6 rooms	10 972	269	583	1 023	1 642	1 983	3 247	1 372	693	119	41	15 000
7 rooms	4 841	32	132	184	447	495	1 161	1 082	990	263	55	19 900
8 rooms or more	2 668	24	45	46	139	111	331	368	720	548	336	28 800
Median	5.7	4.4	4.8	5.1	5.4	5.6	5.9	6.3	7.0	7.5+	7.5+	...
PERSONS												
1 person	2 961	279	531	581	462	292	483	160	96	60	17	10 500
2 persons	9 014	436	819	1 142	1 462	1 255	2 014	873	573	265	175	13 800
3 persons	6 536	248	432	739	945	1 036	1 632	730	541	173	60	14 700
4 persons	6 467	126	390	557	911	1 065	1 645	826	683	197	67	15 500
5 persons	3 710	99	226	340	581	592	784	448	374	158	108	15 100
6 persons or more	3 231	317	367	451	458	377	547	294	260	122	38	12 600
Median	3.1	2.7	2.6	2.7	3.0	3.2	3.1	3.4	3.6	3.4	3.2	...
Units with roomers, boarders, or lodgers	490	55	80	60	85	60	80	60	5	—	5	11 500
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	31 033	1 029	2 565	3 722	4 765	4 600	7 080	3 320	2 522	965	465	14 400
0.50 or less	16 005	503	1 357	1 898	2 375	2 145	3 515	1 770	1 404	650	388	14 700
0.51 to 1.00	13 314	327	881	1 461	2 066	2 238	3 381	1 494	1 083	306	77	14 600
1.01 to 1.50	1 406	131	258	305	291	191	130	56	35	9	—	10 100
1.51 or more	308	68	69	58	33	26	54	—	—	—	—	8 200
Lacking some or all plumbing facilities	886	476	200	88	54	17	25	11	5	10	—	5 000-
0.50 or less	328	156	106	36	10	4	11	—	—	—	—	5 200
0.51 to 1.00	301	160	40	34	41	10	5	—	—	—	—	5 000-
1.01 to 1.50	136	80	21	10	3	3	9	—	—	—	—	5 000-
1.51 or more	121	80	33	8	—	—	—	—	—	—	—	5 000-
BEDROOMS												
None and 1	629	221	152	89	82	39	46	—	—	—	—	6 500
2	8 759	765	1 461	1 745	1 830	1 075	1 305	254	204	61	59	10 600
3	18 689	443	1 071	1 691	2 788	3 071	5 129	2 479	1 575	279	163	15 200
4 or more	3 763	85	164	257	247	213	654	455	717	482	489	22 900
YEAR STRUCTURE BUILT												
1949 to March 1970	975	13	23	20	15	93	379	165	77	34	34	19 200
1945 to 1948	4 181	32	97	91	159	436	1 361	844	804	249	108	19 700
1940 to 1944	5 958	131	249	370	705	1 049	1 657	897	581	247	72	16 200
1935 to 1939	10 798	389	729	1 556	1 881	1 966	2 299	889	722	264	103	13 600
1930 to 1949	4 659	367	641	984	1 098	515	657	217	119	39	22	10 800
1929 or earlier	5 348	573	1 026	789	961	558	752	319	145	99	126	10 700
COMPLETE BATHROOMS												
1 and 1 1/2	21 726	933	2 436	3 561	4 230	4 084	4 939	1 153	278	79	33	12 300
2 and 2 1/2	7 971	25	54	134	385	538	2 016	2 109	2 017	556	137	22 000
3 or more	1 143	5	—	11	46	13	92	102	245	399	230	37 200
None or also used by another household	1 082	530	248	106	69	35	43	29	7	15	—	5 100
HOUSEHOLD COMPOSITION												
Two-or-more-person households	28 958	1 226	2 234	3 229	4 357	4 325	6 622	3 171	2 431	915	448	14 500
Male head, wife present, no nonrelatives	24 927	853	1 709	2 690	3 734	3 795	5 851	2 798	2 249	848	400	14 800
Under 25 years	640	15	34	92	134	125	196	39	5	—	—	13 400
25 to 34 years	4 644	85	194	514	587	735	1 327	601	478	107	16	15 700
35 to 44 years	6 607	191	402	646	937	1 018	1 506	770	741	258	138	15 300
45 to 64 years	10 660	352	816	1 088	1 605	1 602	2 416	1 198	962	409	212	14 800
65 years and over	2 376	210	263	350	471	315	406	190	63	74	34	11 900
Other male head	1 003	103	98	129	153	120	193	116	69	9	13	12 900
Under 65 years	791	59	70	93	113	85	176	104	69	9	13	14 300
65 years and over	212	44	28	36	40	35	17	12	—	—	—	9 900
Female head	3 028	270	427	410	470	410	578	257	113	58	35	12 200
Under 65 years	2 375	303	309	360	315	490	490	217	104	53	16	12 600
65 years and over	653	62	124	101	110	95	88	40	9	5	19	10 900
One-person households	2 961	279	531	581	462	292	483	160	96	60	17	10 500
Under 65 years	1 500	123	280	270	235	165	235	82	58	35	17	10 800
65 years and over	1 461	156	251	311	227	127	248	78	38	25	—	10 100
INCOME IN 1969												
Less than \$2,000	2 468	408	525	514	367	206	269	72	51	44	12	9 000
\$2,000 to \$2,999	1 310	180	307	221	252	102	135	43	48	16	6	9 400
\$3,000 to \$3,999	1 285	127	238	191	286	174	173	59	18	14	5	10 800
\$4,000 to \$4,999	1 303	116	216	309	189	111	235	95	26	6	—	10 100
\$5,000 to \$5,999	1 599	136	196	258	333	256	270	95	37	13	5	11 600
\$6,000 to \$6,999	1 828	108	247	315	352	260	402	98	31	10	5	11 700
\$7,000 to \$7,999	6 149	277	578	940	1 145	1 187	1 363	375	184	81	19	12 800
\$10,000 to \$14,999	8 891	132	373	847	1 412	1 602	2 446	1 227	680	128	44	15 100
\$15,000 to \$24,999	5 728	21	74	206	454	689	1 674	1 045	1 110	363	92	19 200
\$25,000 or more	1 358	—	11	—	29	30	138	222	342	300	277	32 000
Median	\$10 000	\$4 300	\$5 500	\$7 300	\$8 700	\$10 000	\$11 400	\$13 400	\$16 700	\$19 800	\$31 500	...
YEAR MOVED INTO UNIT												
1969 to March 1970	3 574	49	135	229	366	515	1 070	584	407	159	60	17 200
1968	2 594	49	138	203	239	288	696	398	426	124	33	17 200
1967	2 331	44	128	200	233	323	704	356	228	89	26	16 700
1965 and 1966	3 830	113	183	455	559	602	890	461	399	122	46	15 000
1960 to 1964	6 247	266	537	558	938	980	1 486	630	521	215	116	14 600
1950 to 1959	8 803	429	855	1 387	1 650	1 423	1 616	647	459	270	67	12 600
1949 or earlier	4 543	543	762	780	745	539	628	317	107	70	52	10 600
HEATING EQUIPMENT												
Steam or hot water	138	—	—	—	11	—	21	21	54	15	16	28 000
Warm-air furnace	13 536	26	104	239	738	1 746	4 470	2 709	2 231	884	389	19 300
Built-in electric units	598	15	16	46	84	95	188	74	45	24	11	16 000
Floor, wall, or pipeless furnace	8 812	82	570	1 602	2 371	2 067	1 661	303	119	15	22	12 300
Other means	8 805	1 372	2 068	1 923	1 615	709	758	218	78	37	27	8 800
None	30	10	7	—	—	—	7	6	—	—	—	...
AIR CONDITIONING												
Room unit(s)	16 612	288	971	2 272	3 175	3 309	4 108	1 502	718	204	65	13 700
Central system	7 228	6	34	109	168	547	1 965	1 598	1 709	788	304	22 500
None	8 082	1 199	1 733	1 431	1 387	814	1 017	293	120	57	31	9 400

¹Limited to one-family homes on less than 10 acres and no business on property.

Table A-2. Gross Rent of Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA

	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	25 175	4 243	2 663	2 666	2 289	4 367	2 654	2 243	1 796	238	24	1 992	79
ROOMS													
1 room	548	247	54	47	66	37	35	-	7	6	8	41	51
2 rooms	1 651	832	168	160	135	147	72	67	5	-	-	45	50
3 rooms	6 071	1 756	1 420	867	459	656	334	366	112	5	-	96	59
4 rooms	8 564	1 003	705	1 052	954	2 145	1 019	721	637	19	-	309	59
5 rooms	5 121	322	234	362	463	906	792	637	519	77	-	809	84
6 rooms	2 372	66	78	142	171	373	305	309	412	81	11	424	109
7 rooms	583	17	4	31	24	81	72	79	80	29	-	166	114
8 rooms or more	265	-	-	5	17	22	25	64	24	21	5	82	131
Median	3.9	3.1	3.3	3.7	4.0	4.1	4.4	4.5	4.8	5.6	...	5.1	...
PERSONS													
1 person	5 127	1 663	645	538	474	681	296	346	193	20	11	260	62
2 persons	6 642	1 127	675	662	564	1 243	821	662	476	45	13	354	82
3 persons	4 466	520	414	409	354	880	589	524	473	34	-	269	89
4 persons	3 418	369	282	317	320	595	396	298	316	54	-	471	86
5 persons	2 341	234	216	287	204	442	260	190	175	53	-	280	83
6 persons or more	3 181	330	431	453	373	526	292	223	163	32	-	358	75
Median	2.6	1.9	2.5	2.8	2.8	2.8	2.9	2.7	3.0	3.9	...	3.7	...
Units with roomers, boarders, or lodgers	752	161	74	73	57	155	62	93	47	11	-	19	80
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	8 522	1 293	721	853	810	1 595	964	885	733	238	16	1 817	84
0.51 to 1.00	10 278	947	801	939	935	1 984	1 336	1 136	951	154	-	568	84
1.01 to 1.50	2 329	191	301	355	318	501	270	165	86	-	-	1 074	89
1.51 or more	1 265	147	275	327	154	204	69	37	11	-	8	142	78
Lacking some or all plumbing facilities													
0.50 or less	2 781	1 665	564	172	72	83	15	20	15	-	-	33	66
0.51 to 1.00	855	563	43	43	15	14	15	6	-	-	-	175	50-
1.01 to 1.50	1 071	683	189	47	11	14	15	6	-	-	-	45	50-
1.51 or more	331	172	25	23	17	17	9	-	-	-	-	67	50-
Median	524	247	154	57	23	7	-	-	-	-	-	27	50-
BEDROOMS													
None	475	210	19	43	89	26	20	-	-	20	-	48	52
1	6 578	2 122	1 199	917	450	789	444	385	84	-	-	188	59
2	12 144	1 721	1 176	1 519	1 241	2 610	1 482	950	729	119	18	579	81
3 or more	5 945	339	214	342	452	895	872	663	797	67	-	1 304	102
YEAR STRUCTURE BUILT													
1969 to March 1970	1 176	96	38	5	16	97	180	239	435	42	8	20	138
1965 to 1968	3 028	199	147	134	127	653	447	567	488	55	11	200	107
1960 to 1964	3 129	232	207	337	337	397	409	407	414	56	-	333	94
1950 to 1959	5 200	350	427	585	508	1 075	749	550	264	55	-	637	87
1940 to 1949	4 450	1 060	545	492	354	920	458	161	69	-	-	391	49
1939 or earlier	8 192	2 306	1 299	1 113	947	1 225	411	319	126	30	5	411	63
ELEVATOR IN STRUCTURE													
4 floors or more	290	-	59	-	42	127	42	-	-	20	-	-	-
With elevator	228	-	19	-	42	105	42	-	-	20	-	-	-
Walk-up	62	-	40	-	-	22	-	-	-	-	-	-	-
1 to 3 floors	24 852	4 392	2 549	2 821	2 190	4 193	2 776	1 998	1 610	186	18	2 119	77
COMPLETE BATHROOMS													
1 and 1 1/2	20 690	2 477	2 064	2 380	2 134	4 160	2 421	2 072	1 480	57	16	1 429	83
2 or more	1 477	49	24	41	44	99	103	227	318	173	9	390	144
None or also used by another household	3 000	1 721	614	191	103	107	34	35	19	-	-	176	50-
INCOME IN 1969													
Less than \$2,000	5 030	2 197	791	549	332	444	152	133	129	33	-	270	52
\$2,000 to \$2,999	2 603	712	444	401	296	327	145	98	33	5	-	142	62
\$3,000 to \$3,999	2 365	422	470	288	214	445	181	170	50	9	-	116	68
\$4,000 to \$4,999	2 178	350	287	308	258	380	190	182	99	12	-	112	73
\$5,000 to \$5,999	2 121	145	176	235	235	504	311	191	93	6	5	220	65
\$6,000 to \$6,999	2 010	97	117	264	218	489	304	191	129	-	-	201	88
\$7,000 to \$7,999	4 290	196	203	403	404	1 004	675	547	397	14	5	442	94
\$10,000 to \$14,999	3 498	97	148	190	295	657	587	566	577	72	6	303	107
\$15,000 to \$24,999	981	24	22	24	37	112	109	131	251	87	8	176	137
\$25,000 or more	99	3	5	4	-	5	-	34	38	-	-	10	-
Median	\$5 000	\$2000-	\$3 200	\$4 300	\$5 200	\$6 200	\$7 200	\$7 900	\$9 800	\$12 800	...	\$6 700	...
YEAR MOVED INTO UNIT													
1969 to March 1970	10 984	1 310	614	824	808	2 224	1 545	1 406	1 361	147	9	736	94
1968	3 407	387	348	396	309	556	410	377	220	35	-	369	82
1967	2 066	310	215	273	195	491	143	174	52	15	9	189	77
1965 and 1966	2 930	565	378	416	355	506	246	202	70	18	-	174	71
1960 to 1964	2 820	743	535	340	331	348	138	104	95	15	-	171	61
1950 to 1959	1 869	516	404	238	209	155	61	71	12	-	7	196	58
1949 or earlier	1 091	416	208	125	74	86	15	-	7	-	-	160	52
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	2 575	592	366	393	384	489	174	94	83	-	-	-	68
10 to 14 percent	4 724	630	397	628	506	1 095	695	441	293	39	-	-	83
15 to 19 percent	4 384	632	447	389	395	897	572	524	441	87	-	-	87
20 to 24 percent	2 737	381	363	251	234	470	423	309	282	24	-	-	86
25 to 34 percent	3 106	586	340	352	261	559	328	349	299	18	-	-	81
35 percent or more	5 273	1 344	708	610	454	804	434	490	360	59	10	-	70
Not computed	2 376	78	42	43	55	53	28	36	38	11	-	1 992	75
AIR CONDITIONING													
Room unit(s)	6 830	210	247	502	642	1 762	1 396	1 165	521	79	7	299	99
Central system	3 521	47	5	62	38	113	139	689	1 139	145	18	1 126	155
None	14 814	3 990	2 450	2 048	1 601	2 491	1 023	480	157	6	-	570	63

¹Excludes one-family homes on 10 acres or more.

Table A-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

The SMSA	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	36 127	2 994	1 585	1 584	1 628	1 920	2 153	6 967	9 727	6 112	1 457	9 700
ROOMS												
1 and 2 rooms	149	62	7	18	8	10	5	11	16	6	6	3 300
3 rooms	950	303	125	91	60	53	67	147	67	33	4	3 500
4 rooms	4 516	774	383	277	322	413	406	1 086	679	162	14	6 200
5 rooms	10 949	795	449	506	624	742	712	2 501	3 308	1 196	116	9 000
6 rooms	11 554	703	418	508	388	468	636	2 289	3 537	2 307	300	10 500
7 rooms or more	8 009	357	203	184	226	234	327	933	2 120	2 408	1 017	13 600
PERSONS												
1 person	3 830	1 515	508	310	281	268	274	342	232	85	15	2 800
2 persons	10 379	902	620	702	543	632	607	1 975	2 462	1 482	454	8 800
3 and 4 persons	14 458	376	272	383	508	695	782	3 003	4 743	3 055	641	11 300
5 persons	3 995	79	85	72	131	177	256	847	1 318	839	191	11 300
6 persons or more	3 465	122	100	117	165	148	234	800	972	651	156	10 200
Units with roomers, boarders, or lodgers	540	171	37	66	18	24	28	58	75	50	13	3 900
BEDROOMS												
Less than 3	11 997	2 047	857	783	670	720	1 016	2 587	2 173	982	162	6 900
3	20 127	843	591	848	619	1 128	1 162	4 034	6 206	3 902	794	10 700
4 or more	4 047	206	118	157	75	160	168	476	1 027	1 028	632	13 200
YEAR STRUCTURE BUILT												
1969 to March 1970	1 572	62	26	57	115	124	137	355	459	196	41	9 200
1960 to 1968	11 807	365	221	263	397	488	600	2 355	3 970	2 605	543	11 500
1950 to 1959	11 361	671	390	349	454	511	672	2 310	3 241	2 249	514	10 500
1949 or earlier	11 387	1 896	948	915	662	797	744	1 947	2 057	1 062	359	6 600
YEAR MOVED INTO UNIT												
1969 to March 1970	4 497	200	92	163	239	240	388	1 005	1 327	736	107	9 800
1968	3 141	89	83	118	106	168	209	661	919	649	139	10 700
1960 to 1967	13 767	681	348	396	569	614	726	2 757	4 397	2 680	599	10 900
1959 or earlier	14 722	1 953	1 056	846	783	903	800	2 457	3 140	2 158	626	8 200
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	29 225	1 353	1 079	1 131	1 002	1 556	1 907	5 790	8 525	5 340	1 542	10 500
Clothes dryer	16 750	389	318	412	307	674	898	2 808	5 295	4 247	1 402	12 400
Dishwasher	8 037	194	182	91	98	103	247	821	2 385	2 698	1 218	14 800
Home food freezer	15 588	725	653	547	571	561	1 067	3 000	4 341	3 260	863	10 600
Owned second home	1 670	63	70	86	43	36	97	295	435	348	197	11 700
With air conditioning	26 711	1 053	724	740	901	1 134	1 291	5 270	8 408	5 812	1 378	11 300
Room unit(s)	18 752	862	612	621	797	939	1 022	4 262	5 862	3 358	417	10 200
Central system	7 959	191	112	119	104	195	269	1 008	2 546	2 454	961	13 900
Automobiles available:												
1	13 656	1 164	837	1 001	1 043	1 170	1 330	3 207	2 842	905	157	7 300
2	16 129	307	171	248	375	556	555	3 073	5 904	4 060	880	12 400
3 or more	3 375	64	47	47	53	56	94	412	929	1 239	434	14 900
Renter occupied housing units	25 724	5 154	2 643	2 441	2 228	2 143	2 047	4 391	3 581	992	104	5 200
ROOMS												
1 room	553	166	43	76	61	32	44	84	39	8	-	3 900
2 rooms	1 670	775	229	178	126	51	87	139	55	30	-	2 300
3 rooms	6 120	1 920	810	829	636	489	434	628	292	63	19	3 400
4 rooms	8 786	1 421	969	883	825	851	768	1 633	1 217	210	9	5 300
5 rooms	5 237	595	433	254	402	457	459	1 208	1 099	292	38	7 000
6 rooms or more	3 358	277	159	221	178	263	255	699	879	389	38	8 400
PERSONS												
1 person	5 201	2 417	614	389	353	269	275	499	306	65	14	2 300
2 persons	6 734	1 281	749	781	644	562	544	1 048	794	303	28	4 900
3 and 4 persons	8 069	952	680	716	638	787	710	1 688	1 508	343	47	6 400
5 persons	2 416	172	248	248	248	206	213	492	453	150	-	6 500
6 persons or more	3 304	332	352	321	345	319	305	664	520	131	15	5 900
Units with roomers, boarders, or lodgers	757	237	89	145	59	54	31	100	42	-	-	3 400
BEDROOMS												
None	475	156	19	80	63	22	69	22	44	-	-	3 800
1	6 634	2 426	978	695	652	403	368	611	376	106	19	2 900
2	12 337	2 084	1 194	1 259	1 212	1 086	911	2 340	1 994	255	-	5 400
3 or more	6 274	645	501	366	311	623	629	1 356	1 369	453	21	7 100
YEAR STRUCTURE BUILT												
1969 to March 1970	1 185	115	52	108	141	44	131	211	263	106	14	7 000
1960 to 1968	6 219	827	510	472	486	611	586	1 173	1 132	388	34	6 300
1950 to 1959	5 282	662	394	435	479	486	511	1 155	907	237	16	6 400
1949 or earlier	13 038	3 550	1 687	1 426	1 122	1 002	819	1 852	1 279	261	40	3 900
YEAR MOVED INTO UNIT												
1969 to March 1970	11 136	1 736	1 010	1 002	1 141	1 073	1 011	2 075	1 598	416	74	5 600
1968	3 508	473	348	298	205	320	354	709	592	187	22	6 300
1960 to 1967	8 011	1 861	800	784	688	611	515	1 229	1 132	367	24	4 800
1959 or earlier	3 069	1 063	452	338	240	169	168	362	201	70	6	3 100
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	25 175	5 030	2 603	2 365	2 178	2 121	2 010	4 290	3 498	981	99	5 200
Less than 15 percent	7 299	11	113	192	436	457	643	2 178	2 437	743	89	9 500
15 to 19 percent	4 384	132	264	496	573	554	643	1 025	643	54	-	6 300
20 to 24 percent	2 737	172	360	503	374	473	293	462	100	-	-	4 900
25 to 34 percent	3 106	501	847	566	458	328	210	173	15	8	-	3 400
35 percent or more	5 273	3 560	877	492	225	89	20	10	-	-	-	2000-
Not computed	2 376	654	142	116	112	220	201	442	303	176	10	5 700
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	12 241	1 557	955	778	926	1 089	1 028	2 694	2 572	621	21	6 800
Clothes dryer	4 202	321	121	200	84	458	331	1 041	1 187	438	21	8 700
Dishwasher	1 724	171	42	95	79	-	106	378	308	19	-	9 900
Home food freezer	3 875	319	370	343	300	315	401	717	862	248	-	6 700
Owned second home	522	20	54	23	23	70	25	109	160	61	-	8 900
With air conditioning	10 471	777	469	669	768	849	1 052	2 601	2 314	872	100	7 800
Room unit(s)	6 926	618	346	523	476	510	658	1 846	1 496	409	44	7 500
Central system	3 545	159	123	146	292	339	394	755	818	463	56	8 300
Automobiles available:												
1	11 709	1 264	994	1 188	1 223	1 341	1 268	2 428	1 674	289	40	5 900
2	5 262	145	115	236	280	386	488	1 407	1 542	584	79	9 100
3 or more	554	20	22	22	28	59	21	96	139	140	7	10 300

¹Excludes one-family homes on 10 acres or more.

Table A-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	With all plumbing facilities					Lacking some or all plumbing facilities					
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	
Owner occupied housing units -----	36 127	35 054	18 213	14 930	1 549	362	1 073	419	363	151	140
PERSONS											
1 person -----	3 830	3 586	3 579	7	--	--	244	244	--	--	--
2 persons -----	10 379	10 151	9 871	269	--	11	228	140	88	--	--
3 persons -----	7 345	7 175	3 953	3 218	4	--	170	30	140	--	--
4 persons -----	7 113	7 024	600	6 379	45	--	89	5	68	13	3
5 persons -----	3 995	3 919	210	3 444	228	37	76	--	37	22	17
6 persons or more -----	3 465	3 199	--	1 613	1 272	314	266	--	30	116	120
Median -----	3.0	3.0	2.1	4.1	6.4	7.5+	2.9	1.4	3.2	6.1	7.5+
Units with roomers, boarders, or lodgers -----	540	490	241	210	39	--	50	13	37	--	--
YEAR STRUCTURE BUILT											
1969 to March 1970 -----	1 604	1 563	678	810	67	8	41	18	8	7	8
1965 to 1968 -----	5 229	5 148	2 073	2 807	221	47	81	32	30	6	13
1960 to 1964 -----	6 484	6 332	2 614	3 399	277	42	152	55	27	33	37
1950 to 1959 -----	11 417	11 233	5 591	4 968	559	115	184	60	66	30	28
1940 to 1949 -----	5 070	4 842	3 063	1 518	198	63	228	96	66	26	40
1939 or earlier -----	6 323	5 921	4 303	1 336	197	85	402	189	127	49	37
INCOME IN 1969											
Less than \$2,000 -----	2 994	2 583	2 142	367	51	23	411	266	114	17	14
\$2,000 to \$2,999 -----	1 585	1 466	1 111	280	72	3	119	38	53	23	5
\$3,000 to \$3,999 -----	1 584	1 520	1 080	338	66	36	64	22	21	21	1
\$4,000 to \$4,999 -----	1 628	1 526	874	547	90	15	102	23	46	12	21
\$5,000 to \$5,999 -----	1 920	1 843	1 017	696	120	10	77	11	36	11	19
\$6,000 to \$6,999 -----	2 153	2 056	1 039	874	124	19	97	20	18	23	36
\$7,000 to \$9,999 -----	6 967	6 808	2 942	3 290	432	144	159	30	56	37	36
\$10,000 to \$14,999 -----	9 727	9 691	4 190	4 961	443	97	36	5	19	3	9
\$15,000 to \$24,999 -----	6 112	6 104	2 938	3 010	147	9	8	4	--	4	--
\$25,000 or more -----	1 457	1 457	880	567	4	6	--	--	--	--	--
Median -----	\$9 700	\$9 900	\$8 900	\$11 100	\$8 700	\$8 600	\$3 100	\$2000-	\$3 700	\$5 200	\$6 300
VALUE-INCOME RATIO											
Specified owner occupied ¹ -----	31 919	31 033	16 005	13 314	1 406	308	886	328	301	136	121
Less than 1.5 -----	15 446	15 082	6 471	7 534	868	209	364	52	117	91	104
1.5 to 1.9 -----	5 982	5 897	2 838	2 810	209	40	85	33	37	12	3
2.0 to 2.4 -----	3 157	3 077	1 682	1 253	119	23	80	31	40	9	--
2.5 to 2.9 -----	1 822	1 768	1 023	662	75	8	54	16	33	5	--
3.0 to 3.9 -----	1 891	1 798	1 208	507	70	13	93	54	29	--	10
4.0 or more -----	3 350	3 149	2 589	499	46	15	201	138	40	19	4
Not computed -----	271	262	194	49	19	--	9	4	5	--	--
HEATING EQUIPMENT											
Steam or hot water -----	168	168	123	45	--	--	--	--	--	--	--
Warm-air furnace -----	15 684	15 674	7 699	7 532	400	43	10	--	10	--	--
Built-in electric units -----	705	695	335	313	47	--	10	5	5	--	--
Floor, wall, or pipeless furnace -----	9 389	9 359	5 027	3 903	375	54	30	15	15	--	--
Other means -----	10 151	9 137	5 018	3 127	727	265	1 014	394	333	151	136
None -----	30	21	11	10	--	--	9	5	--	--	4
Renter occupied housing units -----	25 724	22 745	8 643	10 466	2 349	1 287	2 979	909	1 133	352	585
PERSONS											
1 person -----	5 201	4 277	3 948	329	--	--	924	757	167	--	--
2 persons -----	6 734	6 066	4 106	1 933	--	27	668	133	511	--	24
3 persons -----	4 584	4 181	531	3 558	92	--	403	19	302	82	--
4 persons -----	3 485	3 223	47	2 810	361	5	262	--	107	117	38
5 persons -----	2 416	2 230	11	1 283	640	296	186	--	25	59	102
6 persons or more -----	3 304	2 768	--	553	1 256	959	536	--	21	94	421
Median -----	2.7	2.7	1.6	3.3	5.6	7.0	2.3	1.1	2.3	4.3	6.8
Units with roomers, boarders, or lodgers -----	757	620	201	266	77	76	137	10	73	49	5
YEAR STRUCTURE BUILT											
1969 to March 1970 -----	1 124	1 116	487	578	42	9	8	8	--	--	--
1965 to 1968 -----	2 967	2 889	1 043	1 502	269	75	78	--	57	6	15
1960 to 1964 -----	3 174	3 078	888	1 635	409	146	96	13	46	22	15
1950 to 1959 -----	5 270	5 014	1 710	2 426	622	256	256	57	78	48	73
1940 to 1949 -----	4 592	4 117	1 660	1 718	515	224	475	136	172	60	107
1939 or earlier -----	8 597	6 509	2 754	2 584	590	581	2 088	700	838	192	358
INCOME IN 1969											
Less than \$2,000 -----	5 154	3 891	2 344	1 162	207	178	1 263	630	441	101	91
\$2,000 to \$2,999 -----	2 643	2 132	944	731	220	237	511	124	236	61	90
\$3,000 to \$3,999 -----	2 441	2 032	701	913	222	196	409	59	173	63	114
\$4,000 to \$4,999 -----	2 228	1 951	638	893	290	130	277	45	70	44	118
\$5,000 to \$5,999 -----	2 143	2 000	600	1 021	249	130	143	15	84	15	29
\$6,000 to \$6,999 -----	2 047	1 931	582	1 005	223	121	116	4	46	22	44
\$7,000 to \$9,999 -----	4 391	4 190	1 292	2 231	516	151	201	24	68	34	75
\$10,000 to \$14,999 -----	3 581	3 531	1 084	1 994	339	114	50	5	15	6	24
\$15,000 to \$24,999 -----	992	986	418	465	73	30	3	--	--	--	--
\$25,000 or more -----	104	101	40	51	10	6	3	3	--	--	--
Median -----	\$5 200	\$5 700	\$4 500	\$6 500	\$5 900	\$4 300	\$2 400	\$2000-	\$2 500	\$3 200	\$4 000
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ² -----	25 175	22 394	8 522	10 278	2 329	1 265	2 781	855	1 071	331	524
Less than 10 percent -----	2 575	2 255	629	1 160	312	154	320	47	98	48	127
10 to 14 percent -----	4 724	4 331	1 486	2 058	514	273	393	56	167	38	132
15 to 19 percent -----	4 384	3 959	1 290	1 998	476	195	425	80	203	69	73
20 to 24 percent -----	2 737	2 504	889	1 182	319	114	233	63	89	29	52
25 to 34 percent -----	3 106	2 750	1 038	1 227	258	227	356	121	148	40	47
35 percent or more -----	5 273	4 443	2 459	1 464	291	229	830	433	272	74	51
Not computed -----	2 376	2 152	731	1 189	159	73	224	55	94	33	42
HEATING EQUIPMENT											
Steam or hot water -----	606	570	296	255	4	15	36	12	24	--	--
Warm-air furnace -----	4 941	4 912	1 763	2 787	321	41	29	--	29	--	--
Built-in electric units -----	1 223	1 213	474	653	74	12	10	5	--	5	--
Floor, wall, or pipeless furnace -----	3 612	3 579	1 505	1 751	268	55	33	13	20	--	--
Other means -----	15 283	12 460	4 605	5 015	1 676	1 164	2 823	851	1 056	342	574
None -----	59	11	--	5	6	--	48	28	4	5	11

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table A-5. Rooms in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	36 127	29	120	950	4 516	10 949	11 554	5 131	2 878	5.6
Units with 1 or more bathrooms and complete kitchen-facilities for exclusive use, and direct access	34 762	33	60	710	4 110	10 560	11 380	5 038	2 871	5.7
PERSONS										
1 person	3 830	7	71	363	994	1 032	824	374	165	5.0
2 persons	10 379	11	37	320	1 498	3 386	3 482	1 179	466	5.5
3 persons	7 345	—	4	149	915	2 294	2 354	1 078	551	5.6
4 persons	7 113	—	3	58	525	2 230	2 485	1 207	605	5.8
5 persons	3 995	11	5	38	250	1 103	1 375	682	531	5.9
6 persons or more	3 465	—	—	22	334	904	1 034	611	560	6.0
Median	3.0	...	1.3	1.9	2.3	3.0	3.1	3.4	3.9	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	35 054	29	86	768	4 111	10 715	11 377	5 112	2 856	5.7
0.50 or less	18 213	—	62	307	2 286	4 350	6 599	2 617	1 992	5.8
0.51 to 1.00	14 930	7	15	379	1 358	5 542	4 403	2 403	823	5.5
1.01 to 1.50	1 549	—	4	45	354	687	347	75	37	5.0
1.51 or more	362	22	5	113	113	136	28	17	4	4.5
Lacking some or all plumbing facilities	1 073	—	34	182	405	234	177	19	22	4.3
0.50 or less	419	—	9	56	206	68	61	14	5	4.2
0.51 to 1.00	363	—	22	90	82	85	73	—	11	4.3
1.01 to 1.50	151	—	—	13	68	35	24	5	6	4.4
1.51 or more	140	—	3	23	49	46	19	—	—	4.4
BEDROOMS										
None and 1	942	—	210	440	157	77	21	18	19	3.1
2	11 055	—	—	706	3 652	3 922	2 205	470	100	4.8
3	20 127	—	—	—	393	7 157	8 256	3 596	725	5.8
4 or more	4 047	—	—	—	—	150	734	1 130	2 033	7.5
YEAR STRUCTURE BUILT										
1969 to March 1970	1 572	—	16	79	294	514	327	172	170	5.3
1960 to 1968	11 807	12	18	195	1 145	3 478	3 768	2 017	1 174	5.8
1950 to 1959	11 361	11	14	183	1 416	3 754	3 957	1 423	603	5.6
1949 or earlier	11 387	6	72	493	1 661	3 203	3 502	1 519	931	5.6
COMPLETE BATHROOMS										
1 and 1/2	25 016	33	60	698	3 927	9 362	8 261	2 172	503	5.3
2 or more	9 807	—	—	12	202	1 219	3 125	2 874	2 375	6.6
None or also used by another household	1 304	8	32	153	505	280	259	30	37	4.4
VALUE-INCOME RATIO										
Specified owner occupied ¹	31 919	17	39	505	3 163	9 714	10 972	4 841	2 668	5.7
Less than 1.5	15 446	17	5	205	1 576	5 250	5 405	2 085	903	5.6
1.5 to 1.9	5 982	—	3	15	399	1 762	2 153	1 019	631	5.9
2.0 to 2.9	4 979	—	10	104	393	1 230	1 705	909	628	5.9
3.0 or more	5 241	—	16	176	756	1 409	1 618	770	496	5.7
Not computed	271	—	5	5	39	63	91	58	10	5.8
Renter occupied housing units	25 724	553	1 670	6 120	8 786	5 237	2 465	624	269	4.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	22 089	101	856	4 982	7 915	5 011	2 375	592	257	4.1
PERSONS										
1 person	5 201	496	925	1 983	1 317	324	116	21	19	3.1
2 persons	6 734	51	434	2 010	2 609	1 135	361	94	40	3.8
3 persons	4 584	—	174	816	2 019	1 025	464	54	32	4.1
4 persons	3 485	—	43	478	1 215	1 109	450	143	47	4.5
5 persons	2 416	—	21	377	699	759	411	97	52	4.6
6 persons or more	3 304	6	73	456	927	885	663	215	79	4.7
Median	2.7	1.1	1.4	2.0	2.7	3.6	4.1	4.5	4.4	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	22 745	362	898	5 029	8 129	5 093	2 362	610	262	4.1
0.50 or less	8 643	—	481	1 794	3 739	1 404	911	165	149	4.0
0.51 to 1.00	10 466	329	265	2 311	3 045	2 855	1 162	391	108	4.3
1.01 to 1.50	2 349	—	92	361	977	660	230	24	5	4.2
1.51 or more	1 287	33	60	563	368	174	59	30	—	3.3
Lacking some or all plumbing facilities	2 979	191	772	1 091	657	144	103	14	7	3.0
0.50 or less	909	—	444	189	187	55	30	4	—	2.6
0.51 to 1.00	1 133	167	169	515	189	38	38	10	7	2.9
1.01 to 1.50	352	—	82	117	119	5	29	—	—	3.3
1.51 or more	585	24	77	270	162	46	6	—	—	3.2
BEDROOMS										
None	475	449	—	26	—	—	—	—	—	1.0
1	6 634	—	1 650	4 172	678	100	—	18	—	2.9
2	12 337	—	—	1 778	7 932	2 050	556	21	—	4.1
3 or more	6 274	—	—	—	549	2 961	1 851	629	284	5.4
YEAR STRUCTURE BUILT										
1969 to March 1970	1 185	8	50	242	654	205	14	12	—	3.9
1960 to 1968	6 219	90	195	1 063	2 668	1 387	631	141	44	4.2
1950 to 1959	5 282	35	196	904	1 882	1 441	669	120	35	4.3
1949 or earlier	13 038	420	1 229	3 911	3 582	2 204	1 151	351	190	3.8
COMPLETE BATHROOMS										
1 and 1/2	21 017	365	858	4 971	7 790	4 643	1 936	317	137	4.1
2 or more	1 496	14	29	50	145	412	445	281	120	5.7
None or also used by another household	3 211	225	809	1 132	690	228	110	17	—	3.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	25 175	548	1 651	6 071	8 564	5 121	2 372	583	265	4.0
Less than 10 percent	2 575	89	159	533	928	536	217	75	38	4.0
10 to 14 percent	4 724	133	210	943	1 727	1 003	554	126	28	4.1
15 to 19 percent	4 384	75	215	1 014	1 683	838	431	78	50	4.0
20 to 24 percent	2 737	31	155	716	992	566	206	50	21	4.0
25 to 34 percent	3 106	51	179	932	1 112	556	237	23	16	3.9
35 percent or more	5 273	86	631	1 763	1 661	759	286	61	26	3.6
Not computed	2 376	83	102	170	461	863	441	170	86	4.9

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table A-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA

All occupied housing units

ROOMS

1 room	29	17	7	5
2 rooms	120	39	42	39
3 rooms	950	530	141	279
4 rooms	4 516	3 329	223	964
5 rooms	10 949	10 089	247	613
6 rooms	11 554	11 359	139	56
7 rooms	5 131	5 043	64	24
8 rooms or more	2 878	2 837	41	-
Median	5.6	5.7	4.7	4.2

PLUMBING FACILITIES BY PERSONS PER ROOM

With all plumbing facilities	35 054	32 223	856	1 975
0.50 or less	18 213	16 746	632	835
0.51 to 1.00	14 930	13 726	219	985
1.01 to 1.50	1 549	1 427	-	122
1.51 or more	362	324	5	33
Lacking some or all plumbing facilities	1 073	1 020	48	5
0.50 or less	419	385	34	-
0.51 to 1.00	363	344	14	5
1.01 to 1.50	151	151	-	-
1.51 or more	140	140	-	-

BEDROOMS

None	-	-	-	-
1	942	629	214	99
2	11 055	9 326	470	1 259
3	20 127	19 375	126	626
4 or more	4 047	3 913	59	75

YEAR STRUCTURE BUILT

1969 to March 1970	1 572	989	35	548
1965 to 1968	5 238	4 323	43	872
1960 to 1964	6 569	6 106	65	398
1950 to 1959	11 361	11 108	122	131
1940 to 1949	5 023	4 878	124	21
1939 or earlier	6 364	5 839	515	10

INCOME IN 1969

Less than \$2,000	2 994	2 654	223	117
\$2,000 to \$2,999	1 585	1 439	83	63
\$3,000 to \$3,999	1 584	1 369	116	99
\$4,000 to \$4,999	1 628	1 378	81	169
\$5,000 to \$5,999	1 920	1 649	65	206
\$6,000 to \$6,999	2 153	1 863	40	250
\$7,000 to \$9,999	6 967	6 319	101	547
\$10,000 to \$14,999	9 727	9 188	97	442
\$15,000 to \$24,999	6 112	5 953	83	76
\$25,000 or more	1 457	1 431	15	11
Median	\$9 700	\$10 000	\$4 400	\$7 500

YEAR MOVED INTO UNIT

1969 to March 1970	4 497	3 654	108	735
1968	3 141	2 697	29	415
1967	2 644	2 361	22	261
1965 and 1966	4 282	3 952	50	280
1960 to 1964	6 841	6 498	135	208
1950 to 1959	9 085	8 809	194	82
1949 or earlier	5 637	5 237	388	12

GROSS RENT

Specified renter occupied ¹	...	...	...	...
Less than \$50	...	...	...	...
\$50 to \$59	...	...	...	...
\$60 to \$69	...	...	...	...
\$70 to \$79	...	...	...	...
\$80 to \$89	...	...	...	...
\$100 to \$119	...	...	...	...
\$120 to \$149	...	...	...	...
\$150 to \$199	...	...	...	...
\$200 to \$299	...	...	...	...
\$300 or more	...	...	...	...
No cash rent	...	...	...	...
Median	...	...	...	...

HEATING EQUIPMENT

Steam or hot water	168	158	5	5
Warm-air furnace	15 684	13 894	200	1 590
Built-in electric units	705	661	22	22
Floor, wall, or pipeless furnace	9 389	9 064	194	131
Other means	10 151	9 436	483	232
None	30	30	-	-

AIR CONDITIONING

Room unit(s)	18 752	17 153	477	1 122
Central system	7 959	7 479	78	402
None	9 416	8 576	371	469

AUTOMOBILES AVAILABLE

1	13 656	12 101	436	1 119
2	16 129	15 309	148	672
3 or more	3 375	3 239	52	84
None	2 967	2 559	290	118

	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	36 127	33 243	904	1 980	25 724	11 173	6 983	2 690	2 173	904	1 151	650
ROOMS												
1 room	29	17	7	5	553	57	50	59	101	46	234	6
2 rooms	120	39	42	39	1 670	523	524	145	176	126	125	51
3 rooms	950	530	141	279	6 120	1 897	2 082	773	612	241	393	182
4 rooms	4 516	3 329	223	964	8 786	3 150	2 603	1 199	817	366	310	347
5 rooms	10 949	10 089	247	613	5 237	2 931	1 291	410	352	85	104	64
6 rooms	11 554	11 359	139	56	2 465	1 873	313	89	110	40	34	6
7 rooms	5 131	5 043	64	24	624	504	99	15	-	-	5	-
8 rooms or more	2 878	2 837	41	-	269	238	21	-	5	-	6	-
Median	5.6	5.7	4.7	4.2	4.0	4.5	3.8	3.8	3.7	3.6	3.2	3.8
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	35 054	32 223	856	1 975	22 745	9 435	6 217	2 511	1 998	821	1 140	423
0.50 or less	18 213	16 746	632	835	8 643	3 177	2 186	1 092	983	403	541	261
0.51 to 1.00	14 930	13 726	219	985	10 466	4 596	2 767	1 080	806	371	560	286
1.01 to 1.50	1 549	1 427	-	122	2 349	1 038	835	230	17	17	17	71
1.51 or more	362	324	5	33	1 287	624	429	109	68	30	22	5
Lacking some or all plumbing facilities	1 073	1 020	48	5	2 979	1 738	766	179	175	83	11	27
0.50 or less	419	385	34	-	909	525	258	58	35	22	6	5
0.51 to 1.00	363	344	14	5	1 133	575	313	61	126	36	-	22
1.01 to 1.50	151	151	-	-	352	205	114	15	10	8	-	-
1.51 or more	140	140	-	-	585	433	81	45	4	17	5	-
BEDROOMS												
None	-	-	-	-	475	89	96	38	38	44	170	-
1	942	629	214	99	6 634	1 952	1 887	1 886	745	358	391	115
2	11 055	9 326	470	1 259	12 337	4 898	3 762	1 400	1 042	490	352	393
3	20 127	19 375	126	626	5 342	3 637	1 038	188	252	81	55	91
4 or more	4 047	3 913	59	75	932	630	276	-	26	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	1 572	989	35	548	1 185	108	131	324	245	89	220	68
1965 to 1968	5 238	4 323	43	872	3 055	535	830	625	241	278	232	314
1960 to 1964	6 569	6 106	65	398	3 164	1 052	1 276	329	176	91	105	135
1950 to 1959	11 361	11 108	122	131	5 282	2 933	1 446	381	177	90	150	105
1940 to 1949	5 023	4 878	124	21	4 522	2 220	1 364	203	615	93	18	9
1939 or earlier	6 364	5 839	515	10	8 516	4 325	1 936	828	719	263	426	19
INCOME IN 1969												
Less than \$2,000	2 994	2 654	223	117	5 154	1 999	1 637	416	624	240	173	65
\$2,000 to \$2,999	1 585	1 439	83	63	2 643	1 035	792	253	290	109	107	57
\$3,000 to \$3,999	1 584	1 369	116	99	2 441	970	729	262	235	77	86	62
\$4,000 to \$4,999	1 628	1 378	81	169	2 228	872	619	269	188	68	155	77
\$5,000 to \$5,999	1 920	1 649	65	206	2 143	928	708	193	107	43	84	80
\$6,000 to \$6,999	2 153	1 863	40	250	2 047	810	637	218	160	85	70	67
\$7,000 to \$9,999	6 967	6 319	101	547	4 391	2 123	980	534	267	127	200	160
\$10,000 to \$14,999	9 727	9 188	97	442	3 581	1 841	728	427	222	114	182	67
\$15,000 to \$24,999	6 112	5 953	83	76	992	514	139	103	92	41	88	15
\$25,000 or more	1 457	1 431	15	11	104	61	14	15	8	-	6	-
Median	\$9 700	\$10 000	\$4 400	\$7 500	\$5 200	\$5 700	\$4 500	\$5 800	\$3 700	\$4 400	\$5 600	\$5 800
YEAR MOVED INTO UNIT												
1969 to March 1970	4 497	3 654	108	735	11 136	4 166	2 703	1 511	1 084	450	692	530
1968	3 141	2 697	29	415	3 508	1 695	928	349	268	139	82	47
1967	2 644	2 361	22	261	2 104	907	749	208	80	79	45	36
1965 and 1966	4 282	3 952	50	280	3 001	1 345	981	173	281	71	121	29
1960 to 1964	6 841	6 498	135	208	2 906	1 391	835	226	246	68	122	18
1950 to 1959	9 085	8 809	194	82	1 817	892	510	107	173	40	95	-
1949 or earlier	5 637	5 237	388	12	1 252	810	276	33	64	9	60	-
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	25 175	10 624	6 983	2 690	2 173	904	1 151	650
Less than \$50	...	...	...	...	4 243	1 369	1 467	239	781	222	121	44
\$50 to \$59	...	...	...	...	2 663	1 200	991	178	181	39	69	5
\$60 to \$69	...	...	...	...	2 666	1 072	912	350	191	73	45	23
\$70 to \$79	...	...	...	...	2 289	971	760	259	86	80	88	45
\$80 to \$89	...	...	...	...	4 367	1 950	1 248	487	252	104	194	132
\$100 to \$119	...	...	...	...	2 654	1 351	905	312	148	126	189	223
\$120 to \$149	...	...	...	...	2 243	996	197	403	258	109	163	117
\$150 to \$199	...	...	...	...	1 796	691	78	408	249	120	221	29
\$200 to \$299	...	...	...	...	238	157	8	13	12	31	17	-
\$300 or more	...	...	...	...	24	-	-	-	-	-	-	-
No cash rent	...	...	...	...	1 992	867	1 017	30	15	-	13	-
Median	...	...	...	...	\$79	\$83	\$66	\$92	\$66	\$85	\$105	\$105
HEATING EQUIPMENT												
Steam or hot water	168	158	5	5	606	32	34	18	53	70	399	-
Warm-air furnace	15 684	13 894	200	1 590	4 941	1 349	1 205					

Table A-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

The SMSA	Total	Two-or-more-person households								One-person households		
		Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	36 127	1 006	5 239	7 115	11 636	2 705	886	238	2 708	764	1 983	1 847
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	35 054	1 006	5 170	6 966	11 401	2 562	865	205	2 588	705	1 899	1 687
0.50 or less	18 213	443	1 268	1 396	6 919	2 036	454	117	1 435	566	1 899	1 680
0.51 to 1.00	14 930	518	3 550	4 784	4 037	479	365	88	969	133	-	7
1.01 to 1.50	1 549	40	287	682	340	36	35	-	129	-	-	-
1.51 or more	362	5	65	104	105	11	-	-	55	-	-	-
Lacking some or all plumbing facilities	1 073	-	69	149	235	143	21	33	120	59	84	160
0.50 or less	419	-	23	19	43	39	5	10	22	14	84	160
0.51 to 1.00	363	-	17	43	98	84	5	18	67	31	-	-
1.01 to 1.50	151	-	25	31	44	5	11	5	16	14	-	-
1.51 or more	140	-	4	56	50	15	-	-	15	-	-	-
UNITS IN STRUCTURE												
1	33 243	656	4 733	6 794	11 177	2 557	810	229	2 485	698	1 561	1 543
2 or more	904	16	47	20	141	112	26	4	75	53	161	249
Mobile home or trailer	1 980	334	459	301	318	36	50	5	148	13	261	55
INCOME IN 1969												
Less than \$2,000	2 994	25	28	61	255	428	49	54	448	131	449	1 066
\$2,000 to \$2,999	1 585	25	29	82	173	371	35	26	247	89	171	337
\$3,000 to \$3,999	1 584	54	83	78	286	320	43	34	265	111	161	149
\$4,000 to \$4,999	1 628	77	87	157	376	267	44	15	245	79	190	91
\$5,000 to \$5,999	1 920	100	229	182	552	174	56	31	255	73	234	34
\$6,000 to \$6,999	2 153	127	347	363	524	189	57	16	229	27	206	68
\$7,000 to \$9,999	6 967	322	1 412	1 562	2 133	437	144	29	491	95	294	48
\$10,000 to \$14,999	9 727	255	2 124	2 562	3 532	263	276	21	351	111	192	40
\$15,000 to \$24,999	6 112	21	796	1 748	2 975	169	141	6	139	32	71	14
\$25,000 or more	1 457	-	104	320	830	87	41	6	38	16	15	-
Median	\$9 700	\$7 900	\$11 000	\$12 100	\$12 200	\$4 900	\$10 300	\$4 300	\$5 600	\$4 600	\$5 100	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied ¹	31 919	640	4 644	6 607	10 660	2 376	791	212	2 375	653	1 500	1 461
Less than 1.5	15 446	287	2 348	3 957	6 478	634	322	75	874	226	335	50
1.5 to 1.9	5 982	142	1 181	1 306	2 023	389	227	21	304	103	242	44
2.0 to 2.4	3 157	105	569	688	872	247	67	36	247	57	184	55
2.5 to 2.9	1 822	40	280	259	486	206	74	-	219	41	133	84
3.0 to 3.9	1 891	45	189	222	366	274	60	41	282	86	119	207
4.0 or more	3 350	15	71	175	389	602	36	39	478	140	444	961
Not computed	271	6	6	-	46	24	5	-	81	-	43	60
Renter occupied housing units	25 724	2 840	4 644	2 854	3 387	1 030	867	122	4 168	611	3 389	1 812
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	22 745	2 715	4 395	2 598	2 958	895	755	79	3 593	480	2 853	1 424
0.50 or less	8 643	767	752	241	1 039	428	304	35	1 874	255	2 606	1 342
0.51 to 1.00	10 466	1 757	2 732	1 549	1 416	370	328	39	1 760	188	247	82
1.01 to 1.50	2 349	143	723	562	293	59	58	15	491	15	-	-
1.51 or more	1 287	48	188	246	210	38	65	-	468	24	-	-
Lacking some or all plumbing facilities	2 979	125	249	256	429	135	112	43	575	131	536	388
0.50 or less	909	17	15	5	19	14	6	-	44	32	421	336
0.51 to 1.00	1 133	77	35	90	213	87	60	43	271	90	115	52
1.01 to 1.50	352	21	68	31	70	15	20	-	118	9	-	-
1.51 or more	585	10	131	130	127	19	26	-	142	-	-	-
UNITS IN STRUCTURE												
1	11 173	951	2 113	1 638	2 130	547	369	71	1 635	248	914	557
2 to 4	9 673	1 069	1 888	1 011	875	343	309	47	1 845	247	1 306	733
5 to 19	3 077	329	423	140	269	121	124	-	582	101	684	304
20 or more	1 151	221	115	24	70	6	34	4	79	10	387	201
Mobile home or trailer	650	270	105	41	43	13	31	-	27	5	98	17
GROSS RENT												
Specified renter occupied ²	25 175	2 808	4 554	2 767	3 244	975	844	122	4 133	601	3 341	1 786
Less than \$50	4 243	146	237	174	416	274	144	46	945	198	886	777
\$50 to \$59	2 663	151	283	223	334	132	95	35	651	114	365	280
\$60 to \$69	2 666	195	397	219	418	157	64	8	610	60	370	168
\$70 to \$79	2 289	207	341	232	358	153	69	11	391	53	351	123
\$80 to \$99	4 367	795	929	463	531	82	165	17	658	46	524	157
\$100 to \$119	2 654	646	594	319	338	41	61	-	314	45	232	64
\$120 to \$149	2 243	458	555	245	246	33	104	-	234	22	307	39
\$150 to \$199	1 794	170	612	269	216	31	80	5	203	17	173	20
\$200 to \$299	238	-	49	70	59	5	5	-	25	5	20	-
\$300 or more	24	-	-	-	13	-	-	-	-	-	-	11
No cash rent	1 992	40	557	553	315	67	57	-	102	41	113	147
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	25 175	2 808	4 554	2 767	3 244	975	844	122	4 133	601	3 341	1 786
Less than \$5,000	12 176	1 051	943	559	1 127	726	402	106	3 069	488	2 085	1 620
Less than 20 percent	2 217	207	264	177	298	124	88	33	508	58	353	107
20 to 24 percent	1 409	79	148	98	151	150	27	6	375	35	260	80
25 to 34 percent	2 372	286	204	120	243	142	75	19	685	94	294	210
35 percent or more	5 154	459	210	111	356	251	174	48	1 243	255	989	1 058
Not computed	1 024	20	117	53	79	59	38	-	235	46	189	165
\$5,000 to \$9,999	8 421	1 451	2 163	1 266	1 113	146	330	16	821	78	905	132
Less than 20 percent	5 500	970	1 315	674	886	117	221	16	539	56	622	84
20 to 24 percent	1 228	279	309	165	115	8	44	-	122	8	157	21
25 to 34 percent	711	160	206	79	12	11	36	-	98	7	86	16
35 percent or more	119	17	23	11	10	-	-	-	35	-	18	5
Not computed	863	25	310	337	90	10	29	-	27	7	22	6
\$10,000 to \$14,999	3 498	284	1 224	672	631	93	95	-	175	18	272	34
Less than 20 percent	3 080	279	1 062	547	545	89	90	-	164	18	262	24
20 to 24 percent	100	5	48	19	15	-	-	-	7	-	6	-
25 percent or more	15	-	-	4	-	-	5	-	-	-	-	6
Not computed	303	-	114	102	71	10	17	-	68	17	79	-
\$15,000 or more	1 080	22	224	270	373	10	13	-	63	17	79	-
Less than 20 percent	886	22	193	204	285	10	13	-	-	-	-	-
20 to 24 percent	-	-	-	-	8	-	-	-	-	-	-	-
25 percent or more	8	-	-	-	-	-	-	-	-	-	-	-
Not computed	186	-	31	66	80	-	4	-	5	-	-	-

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table A-8. Persons in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	36 127	3 830	10 379	7 345	7 113	3 995	1 880	970	615	3.0
BEDROOMS										
None and 1	942	518	247	117	34	26	-	-	-	1.4
2	11 055	2 026	5 190	2 134	1 193	309	97	88	18	2.2
3	20 127	1 219	4 449	4 331	5 195	2 790	1 236	598	309	3.5
4 or more	4 047	186	512	634	768	798	548	393	208	4.4
YEAR STRUCTURE BUILT										
1969 to March 1970	1 572	106	352	467	360	144	75	50	18	3.2
1965 to 1968	5 238	255	954	1 130	1 529	792	356	125	97	3.7
1960 to 1964	6 569	351	1 373	1 437	1 685	986	415	213	109	3.6
1950 to 1959	11 361	867	3 341	2 477	2 312	1 313	596	274	181	3.1
1940 to 1949	5 023	690	1 856	958	639	388	229	152	111	2.5
1939 or earlier	6 364	1 561	2 503	876	588	372	209	156	99	2.1
UNITS IN STRUCTURE										
1	33 243	3 104	9 489	6 787	6 675	3 822	1 814	946	606	3.1
2 or more	904	410	291	81	71	41	10	-	-	1.6
Mobile home or trailer	1 980	316	599	477	367	132	56	24	9	2.7
COMPLETE BATHROOMS										
1 and 1 1/2	25 016	2 878	7 710	5 022	4 734	2 550	1 124	608	390	2.9
2 and 2 1/2	8 573	454	2 189	1 999	2 057	1 137	490	183	64	3.3
3 or more	1 234	90	263	223	177	238	154	61	28	3.7
None or also used by another household	1 304	329	270	198	95	75	123	61	153	2.8
HOUSEHOLD COMPOSITION										
Two-or-more-person households	32 297	...	10 379	7 345	7 113	3 995	1 880	970	615	3.3
Male head, wife present, no nonrelatives	27 701	...	8 323	6 195	6 514	3 576	1 718	859	516	3.4
Under 25 years	1 006	...	360	389	170	56	5	16	10	2.9
25 to 34 years	5 239	...	510	1 275	1 986	950	300	129	89	3.9
35 to 44 years	7 115	...	528	1 158	2 221	1 615	929	426	238	4.3
45 to 64 years	11 636	...	4 969	2 949	1 958	879	447	263	171	2.8
65 years and over	2 705	...	1 956	424	179	76	37	25	8	2.2
Other male head	1 124	...	474	247	170	127	46	31	29	2.9
Under 65 years	886	...	341	192	140	116	42	31	24	3.0
65 years and over	238	...	133	55	30	11	4	-	5	2.4
Female head	3 472	...	1 582	903	429	292	116	80	70	2.7
Under 65 years	2 708	...	1 103	734	375	256	110	60	70	2.8
65 years and over	764	...	479	169	54	36	6	20	-	2.3
One-person households	3 830	3 830	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied ¹	31 919	2 961	9 014	6 536	6 467	3 710	1 745	920	566	3.1
Less than 1.5	15 446	385	4 070	3 576	3 602	1 887	1 031	519	376	3.4
1.5 to 1.9	5 982	286	1 591	1 264	1 420	885	325	140	71	3.4
2.0 to 2.4	3 157	239	923	673	630	356	192	89	55	3.1
2.5 to 2.9	1 822	217	533	374	333	212	71	60	22	2.9
3.0 to 3.9	1 891	326	678	323	262	180	57	46	19	2.4
4.0 or more	3 350	1 405	1 144	296	199	168	61	54	23	1.7
Not computed	271	103	75	30	21	22	8	12	-	1.9
Renter occupied housing units	25 724	5 201	6 734	4 584	3 485	2 416	1 465	1 004	835	2.7
BEDROOMS										
None	475	387	62	-	-	26	-	-	-	1.1
1	6 634	2 919	2 172	827	236	207	151	61	61	1.7
2	12 337	1 567	3 710	3 325	1 721	1 080	409	298	227	2.8
3 or more	6 274	144	726	673	1 550	1 067	987	508	619	4.5
YEAR STRUCTURE BUILT										
1969 to March 1970	1 185	185	474	300	118	70	20	15	3	2.4
1965 to 1968	3 055	412	906	734	435	269	163	95	41	2.6
1960 to 1964	3 164	432	708	612	511	430	246	131	94	3.2
1950 to 1959	5 282	731	1 237	1 010	982	533	396	218	175	3.2
1940 to 1949	4 522	985	1 178	740	584	471	204	194	166	2.6
1939 or earlier	8 516	2 456	2 231	1 188	855	643	436	351	356	2.3
UNITS IN STRUCTURE										
1	11 173	1 471	2 546	2 060	1 705	1 412	830	553	596	3.3
2	6 983	1 385	1 775	1 193	1 094	668	433	284	151	2.8
3 and 4	2 690	654	863	509	318	105	122	82	37	2.3
5 to 9	2 173	717	642	278	254	146	58	51	27	2.1
10 to 19	904	271	321	215	34	20	6	18	19	2.1
20 or more	1 151	588	320	187	27	12	6	6	5	1.5
Mobile home or trailer	650	115	267	142	53	53	10	10	-	2.3
COMPLETE BATHROOMS										
1 and 1 1/2	21 017	4 145	5 607	3 797	2 948	2 027	1 162	819	512	2.7
2 or more	1 496	114	295	316	291	176	158	82	64	3.6
None or also used by another household	3 211	1 010	777	393	265	206	145	173	242	2.3
HOUSEHOLD COMPOSITION										
Two-or-more-person households	20 523	...	6 734	4 584	3 485	2 416	1 465	1 004	835	3.3
Male head, wife present, no nonrelatives	14 755	...	4 490	3 266	2 734	1 814	1 149	702	600	3.4
Under 25 years	2 840	...	1 322	1 024	313	121	33	14	13	2.6
25 to 34 years	4 644	...	899	1 008	1 238	809	381	187	122	3.6
35 to 44 years	2 854	...	261	420	638	452	517	317	249	4.7
45 to 64 years	3 387	...	1 321	665	474	365	200	158	204	3.1
65 years and over	1 030	...	687	149	71	67	18	26	12	2.2
Other male head	989	...	534	187	76	82	22	40	48	2.4
Under 65 years	867	...	443	166	76	77	17	40	48	2.5
65 years and over	122	...	91	21	-	5	5	-	-	2.2
Female head	4 779	...	1 710	1 131	675	520	294	262	187	3.1
Under 65 years	4 168	...	1 245	1 059	637	487	294	259	187	3.3
65 years and over	611	...	465	72	38	33	-	3	-	2.2
One-person households	5 201	5 201	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	25 175	5 127	6 642	4 466	3 418	2 341	1 422	974	785	2.7
Less than 10 percent	2 575	296	604	547	398	293	151	168	118	3.2
10 to 14 percent	4 724	632	1 258	928	712	502	338	171	183	3.0
15 to 19 percent	4 384	603	1 249	880	679	394	286	149	144	2.9
20 to 24 percent	2 737	524	717	478	410	308	130	109	61	2.8
25 to 34 percent	3 106	612	931	584	319	301	140	116	103	2.5
35 percent or more	5 273	2 070	1 427	718	398	243	138	190	89	1.9
Not computed	2 376	390	456	331	502	300	239	71	87	3.5

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table A-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	759	436	176	147	Vacant for rent	2 792	1 720	657	415
ROOMS					ROOMS				
1 to 3 rooms	19	10	—	9	1 room	108	80	21	7
4 rooms	95	55	26	14	2 rooms	231	109	63	59
5 rooms	286	200	48	38	3 rooms	770	463	204	103
6 rooms	230	122	57	51	4 rooms	1 068	663	246	159
7 rooms or more	129	49	45	35	5 rooms	410	273	86	51
					6 rooms	156	106	29	21
					7 rooms or more	49	26	8	15
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	735	436	171	128	With all plumbing facilities	2 397	1 528	538	331
Lacking some or all plumbing facilities	24	—	5	19	Lacking some or all plumbing facilities	395	192	119	84
BEDROOMS					BEDROOMS				
None and 1	22	22	—	—	None	81	59	22	—
2	246	147	18	83	1	1 046	573	286	187
3	472	349	43	80	2	1 234	855	216	163
4 or more	125	36	64	25	3 or more	385	306	41	38
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	222	160	33	29	1969 to March 1970	352	273	75	4
1960 to 1968	208	127	48	33	1960 to 1968	574	376	137	61
1950 to 1959	144	88	35	21	1950 to 1959	490	343	100	47
1949 or earlier	185	61	60	64	1949 or earlier	1 376	728	345	303
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	735	422	176	137	1	933	559	221	153
2 or more	24	14	—	10	2 to 4	1 016	550	316	150
					5 to 9	383	261	65	57
					10 to 19	262	195	28	39
					20 or more	198	155	27	16
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	—	—	—	—	Specified vacant for rent ²	2 745	1 693	650	402
Warm-air furnace	410	259	75	76	Less than \$50	918	474	288	156
Built-in electric units	24	14	5	5	\$50 to \$59	356	174	94	88
Floor, wall, or pipeless furnace	104	50	41	13	\$60 to \$79	529	320	124	85
Other means	221	113	55	53	\$80 to \$99	336	239	61	36
None	—	—	—	—	\$100 to \$119	183	143	10	30
					\$120 to \$149	217	154	60	3
					\$150 to \$199	184	171	13	—
					\$200 or more	22	18	—	4
					Median rent asked	\$64	\$72	\$54	\$55
SALES PRICE ASKED									
Specified vacant for sale ¹	721	417	170	134					
Less than \$5,000	26	9	8	—					
\$5,000 to \$9,999	115	62	29	24					
\$10,000 to \$14,999	174	103	48	23					
\$15,000 to \$19,999	238	163	57	18					
\$20,000 to \$24,999	62	24	3	35					
\$25,000 to \$34,999	81	41	20	20					
\$35,000 to \$49,999	22	12	5	5					
\$50,000 or more	3	3	—	—					
Median price asked	\$16 000	\$16 100	\$15 000	\$18 100					

¹Limited to one-family homes on less than 10 acres and no business on property. ²Excludes one-family homes on 10 acres or more.

Table A-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

The SMSA	Sales price asked—Vacant for sale ¹							Rent asked—Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	721	141	174	238	62	81	25	2 745	1 274	529	336	400	184	22
PLUMBING FACILITIES														
With all plumbing facilities	808	123	196	285	65	113	26	2 367	880	556	241	460	204	26
Lacking some or all plumbing facilities	19	19	—	—	—	—	—	337	320	—	—	—	17	—
BEDROOMS														
None and 1	—	—	—	—	—	—	—	1 127	750	174	58	123	22	—
2	230	142	70	18	—	—	—	1 192	349	278	124	283	132	26
3	472	—	126	214	43	63	26	363	79	104	59	54	67	—
4 or more	125	—	—	53	22	50	—	22	22	—	—	—	—	—
YEAR STRUCTURE BUILT														
1969 to March 1970	217	4	22	112	25	51	3	352	19	46	24	120	143	—
1960 to 1968	198	19	51	66	27	19	16	565	116	114	85	197	34	19
1950 to 1959	136	29	54	35	10	8	—	472	212	123	88	49	—	—
1949 or earlier	170	89	47	25	—	3	6	1 356	927	246	139	34	7	3
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	886	438	227	128	69	20	4
2 to 4	...	...	...	...	...	...	...	1 016	543	256	148	58	8	3
5 to 19	...	...	...	...	...	...	...	645	240	34	39	226	91	15
20 or more	...	...	...	...	...	...	...	198	53	12	21	47	65	—
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	508	265	65	65	80	18	15
Some or no utilities included	...	...	...	...	...	...	...	2 237	1 009	464	271	320	166	7

¹Limited to one-family homes on less than 10 acres and no business on property. ²Excludes one-family homes on 10 acres or more.

Table A-11. Value of Owner Occupied Housing Units With Negro Head of Household: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	5 229	901	1 207	910	811	460	657	170	61	46	6	8 900
ROOMS												
1 and 2 rooms	36	17	5	10	4	—	—	—	—	—	—	—
3 rooms	326	149	81	55	15	10	16	—	—	—	—	5 400
4 rooms	1 158	307	403	228	116	41	11	11	—	5	—	6 700
5 rooms	1 492	213	360	282	251	163	175	36	7	5	—	9 000
6 rooms	1 356	165	248	249	238	156	206	67	9	12	6	10 200
7 rooms	597	26	86	63	107	62	168	46	20	19	—	13 200
8 rooms or more	264	24	24	23	80	28	45	10	25	5	—	11 900
Median	5.2	4.4	4.8	5.1	5.6	5.6	5.9	6.1	...	...	...	...
PERSONS												
1 person	843	179	252	153	105	46	64	20	10	14	—	7 400
2 persons	1 260	176	317	256	178	88	179	42	11	7	6	8 800
3 persons	820	139	143	146	123	100	107	28	5	9	—	9 300
4 persons	620	60	113	90	108	67	123	43	16	—	—	11 100
5 persons	489	58	118	86	77	74	59	9	3	5	—	9 500
6 persons or more	1 197	269	264	179	220	85	125	28	16	11	—	8 400
Median	3.1	3.1	2.7	2.8	3.5	3.5	3.3	3.3	...	...	...	...
Units with roomers, boarders, or lodgers	247	45	59	50	45	18	24	6	—	—	—	8 500
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	4 480	497	1 036	836	757	443	644	159	61	41	6	9 600
0.50 or less	2 161	210	516	418	340	206	306	90	39	30	6	9 600
0.51 to 1.00	1 515	141	306	280	264	183	250	64	16	11	—	10 300
1.01 to 1.50	582	95	155	93	131	47	50	5	6	—	—	8 600
1.51 or more	222	51	59	45	22	7	38	—	—	—	—	7 600
Lacking some or all plumbing facilities	749	404	171	74	54	17	13	11	—	5	—	5000—
0.50 or less	261	125	82	36	10	4	4	—	—	—	—	5 200
0.51 to 1.00	247	130	40	20	41	10	6	—	—	—	—	5000—
1.01 to 1.50	131	75	21	10	3	3	9	—	—	5	—	5000—
1.51 or more	110	74	28	8	—	—	—	—	—	—	—	5000—
BEDROOMS												
None and 1	333	137	84	31	42	39	—	—	—	—	—	—
2	2 056	429	561	492	225	138	167	44	—	—	—	7 700
3	2 409	316	399	326	396	389	459	70	38	16	—	11 000
4 or more	656	67	76	136	146	37	158	20	16	—	—	10 800
YEAR STRUCTURE BUILT												
1969 to March 1970	144	4	9	5	4	36	62	10	10	4	—	16 800
1965 to 1968	524	25	64	73	87	60	158	37	20	—	—	13 000
1960 to 1964	608	92	96	110	111	88	54	26	9	22	—	10 100
1950 to 1959	1 281	238	276	274	167	92	162	48	13	11	—	8 700
1940 to 1949	903	216	256	150	112	50	97	13	9	—	—	7 300
1939 or earlier	1 769	326	506	298	330	134	124	36	—	9	6	7 900
COMPLETE BATHROOMS												
1 and 1 1/2	3 955	409	1 018	790	690	361	523	116	12	29	7	9 200
2 and 2 1/2	295	19	6	19	47	21	71	46	44	22	—	16 800
3 or more	55	5	—	11	13	—	14	6	—	—	—	—
None or also used by another household	819	434	202	61	44	21	26	23	—	8	—	5000—
HOUSEHOLD COMPOSITION												
Two-or-more-person households	4 386	722	955	757	706	414	593	150	51	32	6	9 200
Male head, wife present, no nonrelatives	3 057	439	630	553	536	293	439	88	51	22	6	9 600
Under 25 years	57	5	11	10	—	10	16	5	—	—	—	—
25 to 34 years	423	43	55	119	60	59	67	11	4	5	—	9 900
35 to 44 years	722	118	119	126	120	62	127	31	15	4	—	10 000
45 to 64 years	1 357	177	343	216	246	138	151	41	32	13	—	9 300
65 years and over	498	96	102	82	110	24	78	—	—	6	—	9 100
Other male head	225	48	49	28	25	15	48	12	—	—	—	8 900
Under 65 years	145	25	44	13	6	9	48	—	—	—	—	8 200
65 years and over	80	23	5	15	19	6	—	12	—	—	—	—
Female head	1 104	235	276	176	145	106	106	50	—	10	—	8 100
Under 65 years	852	195	200	132	114	86	76	39	—	10	—	8 100
65 years and over	252	40	76	44	31	20	30	11	—	—	—	8 100
One-person households	843	179	252	153	105	46	64	20	10	14	—	7 400
Under 65 years	428	78	143	79	58	24	15	11	10	10	—	7 400
65 years and over	415	101	109	74	47	22	49	9	—	4	—	7 400
INCOME IN 1969												
Less than \$2,000	1 080	286	311	200	118	55	64	16	10	14	6	7 000
\$2,000 to \$2,999	524	110	162	82	98	20	32	10	—	10	—	7 300
\$3,000 to \$3,999	491	87	159	74	78	48	25	17	—	—	—	7 500
\$4,000 to \$4,999	475	90	108	112	72	25	52	16	—	—	—	8 400
\$5,000 to \$5,999	481	83	101	75	59	41	87	29	—	—	—	9 400
\$6,000 to \$6,999	419	40	121	86	94	35	43	—	—	—	—	8 900
\$7,000 to \$9,999	935	139	175	143	150	127	158	28	4	11	—	10 200
\$10,000 to \$14,999	570	55	67	101	102	68	124	25	28	—	—	11 500
\$15,000 to \$24,999	232	11	3	37	40	36	62	29	10	4	—	14 200
\$25,000 or more	22	—	—	—	—	5	10	—	—	—	—	—
Median	\$5 100	\$3 600	\$3 800	\$4 900	\$5 700	\$7 100	\$7 500	\$5 900	...	...	...	...
YEAR MOVED INTO UNIT												
1969 to March 1970	437	15	50	42	85	127	81	19	13	5	—	13 000
1968	322	34	56	55	61	—	87	8	21	—	—	10 700
1967	286	23	27	59	70	33	59	15	—	—	—	11 200
1965 and 1966	500	50	85	141	112	33	57	15	7	—	—	9 500
1960 to 1964	806	172	204	89	132	51	82	35	11	30	—	8 300
1950 to 1959	1 437	244	365	303	222	65	162	49	10	17	—	8 400
1949 or earlier	1 336	329	439	192	112	94	106	50	—	7	7	6 900
HEATING EQUIPMENT												
Steam or hot water	—	—	—	—	—	—	—	—	—	—	—	—
Warm-air furnace	632	6	18	31	88	90	248	88	48	15	—	16 300
Built-in electric units	110	—	11	12	33	24	14	11	—	5	—	12 400
Floor, wall, or pipeless furnace	430	3	55	98	75	122	66	6	—	5	—	12 000
Other means	4 036	882	1 119	769	615	224	322	65	13	21	6	7 600
None	21	10	4	—	—	—	7	—	—	—	—	—
AIR CONDITIONING												
Room unit(s)	1 203	84	207	215	245	166	202	47	5	32	—	11 000
Central system	260	—	7	17	20	76	51	53	—	12	—	19 000
None	3 661	783	1 012	649	529	213	356	93	4	15	7	7 600

¹Limited to one-family homes on less than 10 acres and no business on property.

Table A-12. Gross Rent of Renter Occupied Housing Units With Negro Head of Household: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied ¹	9 739	3 012	1 973	1 596	1 013	1 305	295	149	15	5	-	376	58
ROOMS													
1 room	117	70	14	18	6	-	4	-	-	-	-	5	50-
2 rooms	928	710	94	37	26	18	-	10	-	-	-	33	50-
3 rooms	3 460	1 337	1 214	574	134	143	35	8	-	-	-	35	53
4 rooms	3 519	612	442	714	575	840	163	46	7	5	-	115	69
5 rooms	1 121	227	153	181	193	193	46	33	4	-	-	91	67
6 rooms	409	44	52	62	68	81	27	10	4	-	-	61	72
7 rooms	95	12	4	5	6	26	9	19	-	-	-	14	...
8 rooms or more	70	-	-	5	5	4	11	23	-	-	-	22	...
Median	3.6	3.0	3.2	3.7	4.1	4.1	4.2	4.8	...	...	...	4.5	...
PERSONS													
1 person	1 857	1 032	367	157	107	81	19	24	-	5	-	65	50-
2 persons	2 128	768	446	344	191	240	51	18	7	-	-	63	56
3 persons	1 483	400	321	244	110	269	55	15	-	-	-	69	60
4 persons	1 326	318	250	238	190	210	55	13	-	-	-	52	63
5 persons	984	199	188	229	118	172	28	11	4	-	-	35	64
6 persons or more	1 961	295	401	384	297	333	87	68	4	-	-	92	66
Median	3.1	2.1	3.0	3.7	4.0	3.8	3.9	4.9	...	...	...	3.4	...
Units with roomers, boarders, or lodgers	423	153	63	63	31	72	19	13	-	-	-	9	59
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	7 292	1 524	1 449	1 452	946	1 249	291	139	15	5	-	222	64
0.50 or less	2 039	653	355	301	249	272	61	32	7	5	-	104	59
0.51 to 1.00	2 923	597	595	576	331	562	121	56	4	-	-	81	64
1.01 to 1.50	1 224	141	237	264	217	250	61	27	4	-	-	23	68
1.51 or more	1 106	133	262	311	149	165	48	24	-	-	-	14	65
Lacking some or all plumbing facilities	2 447	1 488	524	144	67	56	4	70	-	-	-	154	50-
0.50 or less	728	517	133	20	10	8	-	10	-	-	-	30	50-
0.51 to 1.00	891	571	173	47	11	24	4	-	-	-	-	41	50-
1.01 to 1.50	324	168	64	25	23	17	-	-	-	-	-	27	50-
1.51 or more	504	232	154	52	23	7	-	-	-	-	-	36	50
BEDROOMS													
None	145	78	-	19	22	26	-	-	-	-	-	-	...
1	3 177	1 540	878	508	127	55	17	22	-	-	-	30	50
2	4 968	1 217	924	963	638	913	199	84	17	-	-	97	63
3 or more	1 489	216	158	276	218	232	148	84	22	-	-	135	71
YEAR STRUCTURE BUILT													
1969 to March 1970	251	80	32	5	11	43	55	-	11	5	-	9	74
1965 to 1968	1 040	139	126	106	84	457	61	38	-	-	-	29	82
1960 to 1964	1 168	219	202	280	264	126	42	16	-	-	-	19	65
1950 to 1959	1 580	242	324	363	241	255	61	15	-	-	-	79	65
1940 to 1949	1 784	706	386	252	130	181	27	15	-	-	-	87	54
1939 or earlier	3 916	1 626	903	590	283	243	49	45	4	-	-	153	53
ELEVATOR IN STRUCTURE													
4 floors or more	20	-	20	-	-	-	-	-	-	-	-	-	...
With elevator	-	-	-	-	-	-	-	-	-	-	-	-	...
Walk-up	20	-	20	-	-	-	-	-	-	-	-	262	59
1 to 3 floors	9 759	3 051	1 940	1 766	1 005	1 226	364	106	22	17	-	-	-
COMPLETE BATHROOMS													
1 and 1 1/2	7 140	1 539	1 432	1 372	920	1 269	239	117	16	-	-	236	64
2 or more	72	17	-	-	-	-	13	22	-	-	-	20	...
None or also used by another household	2 568	1 495	570	169	82	62	14	28	-	-	-	148	50-
INCOME IN 1969													
Less than \$2,000	2 969	1 536	586	362	176	160	24	27	-	-	-	98	50-
\$2,000 to \$2,999	1 615	553	369	291	174	120	20	33	-	-	-	55	56
\$3,000 to \$3,999	1 276	330	359	186	83	183	46	25	-	-	-	64	58
\$4,000 to \$4,999	984	261	214	199	135	116	21	12	-	-	-	26	60
\$5,000 to \$5,999	738	114	118	153	139	167	25	5	-	-	-	17	68
\$6,000 to \$6,999	579	54	95	128	70	158	22	13	11	-	-	28	70
\$7,000 to \$9,999	931	114	129	175	112	242	82	26	4	-	-	47	72
\$10,000 to \$14,999	574	50	85	85	116	159	55	4	-	-	-	20	75
\$15,000 to \$24,999	69	-	18	13	8	-	-	4	-	5	-	21	...
\$25,000 or more	4	-	-	4	-	-	-	-	-	-	-	-	...
Median	\$3 200	\$2 000	\$3 100	\$3 800	\$4 500	\$5 400	\$6 500	\$3 600	...	...	...	\$3 500	...
YEAR MOVED INTO UNIT													
1969 to March 1970	2 780	874	380	427	266	543	172	44	10	-	-	64	62
1968	1 343	293	264	219	183	229	61	42	-	-	-	52	64
1967	1 001	211	177	214	145	221	9	9	-	-	-	15	65
1965 and 1966	1 302	368	263	249	175	192	5	20	-	-	-	30	60
1960 to 1964	1 578	592	426	198	147	95	19	17	6	-	-	78	54
1950 to 1959	1 010	372	326	127	59	22	-	35	-	-	-	69	53
1949 or earlier	766	341	166	107	27	29	-	-	-	-	-	96	50
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	961	346	229	180	130	76	-	-	-	5	-	...	56
10 to 14 percent	1 597	475	284	315	140	299	75	4	-	-	-	...	61
15 to 19 percent	1 618	472	354	257	205	245	67	18	-	-	-	...	60
20 to 24 percent	1 004	272	268	159	121	147	25	12	-	-	-	...	59
25 to 34 percent	1 346	397	289	244	137	208	38	18	15	-	-	...	60
35 percent or more	2 679	1 004	516	408	258	315	90	88	-	-	-	376	57
Not computed	534	46	33	33	22	15	-	9	-	-	-	-	60
AIR CONDITIONING													
Room unit(s)	912	88	90	118	139	339	59	45	-	-	-	34	80
Central system	96	-	-	-	-	-	13	18	-	-	-	65	...
None	8 772	2 963	1 912	1 423	863	992	194	104	16	-	-	305	57

¹Excludes one-family homes on 10 acres or more.

Table A-13. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	5 664	1 216	568	548	501	523	425	1 012	605	244	22	5 000
ROOMS												
1 and 2 rooms	52	33	—	11	3	—	—	5	—	—	—	...
3 rooms	352	154	46	48	10	40	5	42	7	—	—	2 500
4 rooms	1 354	424	199	118	130	114	90	174	97	8	—	3 500
5 rooms	1 586	279	142	179	160	181	119	319	175	32	—	5 200
6 rooms	1 421	213	138	142	120	124	113	275	207	78	11	5 800
7 rooms or more	899	113	43	50	78	64	98	197	126	119	11	7 100
PERSONS												
1 person	926	602	140	44	59	47	5	24	5	—	—	2000—
2 persons	1 391	338	177	215	100	105	94	191	113	51	7	3 800
3 and 4 persons	1 572	182	100	136	150	201	145	333	214	107	4	6 100
5 persons	515	32	60	57	60	70	39	102	67	23	5	5 700
6 persons or more	1 260	62	91	96	132	100	142	362	206	63	6	7 100
Units with roomers, boarders, or lodgers	266	124	37	29	13	14	20	21	—	8	—	2 200
BEDROOMS												
Less than 3	2 535	857	278	286	175	93	189	350	249	58	—	3 500
3	2 504	273	214	288	120	267	178	625	410	129	—	6 500
4 or more	674	126	15	85	35	62	39	112	86	96	18	6 400
YEAR STRUCTURE BUILT												
1969 to March 1970	184	7	12	9	4	25	10	79	28	10	—	7 900
1960 to 1968	1 242	116	91	89	128	126	106	288	199	88	11	6 700
1950 to 1959	1 329	232	123	133	148	120	89	276	140	68	—	5 200
1949 or earlier	2 909	861	342	317	221	252	220	369	238	78	11	3 800
YEAR MOVED INTO UNIT												
1969 to March 1970	510	54	38	52	38	32	48	178	65	5	—	6 900
1968	366	47	28	44	35	28	32	101	33	12	6	6 000
1960 to 1967	1 707	250	152	138	179	213	176	269	232	88	10	5 600
1959 or earlier	3 035	793	365	296	292	318	178	432	227	127	7	4 200
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	3 240	438	290	294	213	282	244	701	533	227	18	6 400
Clothes dryer	642	70	35	89	—	41	34	112	121	140	—	8 400
Dishwasher	179	36	19	—	—	—	—	38	25	61	—	...
Home food freezer	1 861	314	165	129	87	134	209	495	181	147	—	6 500
Owned second home	158	19	—	20	17	23	37	26	—	—	—	...
With air conditioning	1 577	104	80	102	117	183	136	407	261	170	10	7 500
Room unit(s)	1 300	89	74	96	111	157	126	359	179	99	17	7 000
Central system	277	15	6	6	6	26	10	48	82	71	7	11 300
Automobiles available:												
1	2 490	309	247	328	271	346	272	492	147	62	16	5 300
2	1 376	79	64	42	149	133	92	352	331	134	—	8 100
3 or more	210	29	27	15	9	12	—	37	38	36	7	8 100
Renter occupied housing units	9 985	3 041	1 655	1 321	1 006	743	605	961	580	69	4	3 200
ROOMS												
1 room	122	67	12	21	—	4	6	12	—	—	—	2000—
2 rooms	939	563	151	115	81	14	3	12	—	—	—	2000—
3 rooms	3 502	1 280	625	541	357	225	141	230	81	22	—	2 800
4 rooms	3 664	735	559	440	363	370	297	518	356	44	4	4 300
5 rooms	1 158	288	214	115	127	90	113	124	82	5	—	3 700
6 rooms or more	600	108	94	89	78	40	45	65	61	20	—	4 100
PERSONS												
1 person	1 904	1 326	246	122	49	59	37	46	14	5	—	2000—
2 persons	2 156	338	737	345	245	161	132	121	72	5	—	3 000
3 and 4 persons	2 880	584	530	433	300	225	182	366	241	15	4	3 800
5 persons	1 010	117	219	147	158	86	82	122	67	12	—	4 100
6 persons or more	2 035	277	322	274	254	212	172	306	186	32	—	4 600
Units with roomers, boarders, or lodgers	428	163	78	85	37	5	18	26	16	—	—	2 700
BEDROOMS												
None	145	45	—	56	—	—	22	22	—	—	—	...
1	3 233	1 318	673	368	441	135	140	86	36	36	—	2 400
2	5 058	1 259	753	744	573	412	271	651	378	17	—	3 700
3 or more	1 614	272	283	239	206	150	219	174	45	26	—	4 100
YEAR STRUCTURE BUILT												
1969 to March 1970	255	72	34	23	51	—	11	35	24	5	—	3 900
1960 to 1968	2 240	529	320	251	185	278	215	258	185	15	4	4 100
1950 to 1959	1 600	318	231	232	187	120	140	214	139	19	—	4 100
1949 or earlier	5 890	2 122	1 070	815	583	345	239	454	232	30	—	2 800
YEAR MOVED INTO UNIT												
1969 to March 1970	2 821	801	521	331	324	252	150	279	156	7	—	3 300
1968	1 399	318	253	240	89	120	107	182	76	14	—	3 500
1960 to 1967	3 951	1 220	548	477	429	319	243	380	291	38	6	3 400
1959 or earlier	1 849	810	321	220	127	81	68	129	87	6	—	2 400
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	9 739	2 969	1 615	1 276	984	738	579	931	574	69	4	3 200
Less than 15 percent	2 558	11	84	139	323	322	317	760	550	48	4	7 300
15 to 19 percent	1 618	80	195	407	368	263	193	108	4	—	—	4 300
20 to 24 percent	1 004	97	298	307	159	114	17	12	—	—	—	3 300
25 to 34 percent	1 346	335	634	231	96	22	24	4	—	—	—	2 500
35 percent or more	2 679	2 190	349	128	—	—	—	—	—	—	—	2000—
Not computed	534	256	55	64	26	17	28	47	20	21	—	2 200
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	3 272	755	530	364	416	186	318	426	251	26	—	4 000
Clothes dryer	153	41	—	41	—	18	—	—	53	—	—	...
Dishwasher	60	22	—	21	—	—	—	—	—	17	—	...
Home food freezer	1 241	174	152	236	176	111	128	164	100	—	—	4 300
Owned second home	35	—	—	—	—	—	—	—	—	—	—	...
With air conditioning	1 014	149	92	93	93	65	125	215	153	29	—	6 100
Room unit(s)	918	141	85	87	87	65	99	191	148	15	—	5 900
Central system	96	8	7	6	6	—	26	24	5	14	—	...
Automobiles available:												
1	3 491	544	501	480	416	377	323	480	342	22	6	4 500
2	717	35	34	50	69	71	103	195	134	26	—	7 000
3 or more	82	7	9	—	14	17	6	14	7	8	—	...

¹Excludes one-family homes on 10 acres or more.

Table A-14. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

The SMSA	Total	With all plumbing facilities					Lacking some or all plumbing facilities				
		Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	5 664	4 797	2 327	1 641	592	237	867	316	282	140	129
PERSONS											
1 person	926	743	743	-	-	-	183	183	-	-	-
2 persons	1 391	1 216	1 159	57	-	-	175	110	65	-	-
3 persons	901	769	371	398	-	-	132	23	109	-	-
4 persons	671	614	44	560	10	-	57	-	46	8	3
5 persons	515	444	10	342	75	17	71	-	32	22	17
6 persons or more	1 260	1 011	-	284	507	220	249	-	30	110	109
Median	3.1	3.1	1.9	4.2	6.7	7.5+	3.1	1.4	3.2	6.2	7.5+
Units with roomers, boarders, or lodgers	266	216	82	101	33	-	50	13	37	-	-
YEAR STRUCTURE BUILT											
1967 to March 1970	216	180	88	68	24	-	36	13	8	7	8
1965 to 1968	555	502	166	232	88	16	53	11	23	6	13
1960 to 1964	633	495	209	205	59	22	138	55	21	33	29
1950 to 1959	1 301	1 154	539	360	181	74	147	46	50	30	21
1940 to 1949	966	759	388	233	80	58	207	75	66	26	40
1939 or earlier	1 947	1 636	981	451	140	64	311	142	98	34	37
INCOME IN 1969											
Less than \$2,000	1 216	882	719	114	31	18	334	210	104	11	9
\$2,000 to \$2,999	568	473	297	101	72	3	95	28	39	23	5
\$3,000 to \$3,999	548	494	265	138	55	36	54	17	21	16	-
\$4,000 to \$4,999	501	414	171	161	67	15	87	23	31	12	21
\$5,000 to \$5,999	523	460	193	196	61	10	63	4	29	11	19
\$6,000 to \$6,999	425	339	112	168	50	9	86	20	13	23	30
\$7,000 to \$9,999	1 012	884	261	397	140	86	128	14	41	37	36
\$10,000 to \$14,999	605	589	198	244	93	54	16	-	4	3	9
\$15,000 to \$24,999	244	240	104	113	23	-	4	-	-	4	-
\$25,000 or more	22	22	7	9	-	6	-	-	-	-	-
Median	\$5 000	\$5 300	\$3 600	\$6 700	\$6 200	\$8 000	\$3 100	\$2000-	\$2 900	\$5 700	\$6 400
VALUE-INCOME RATIO											
Specified owner occupied ¹	5 229	4 480	2 161	1 515	582	222	749	261	247	131	110
Less than 1.5	1 966	1 663	546	692	280	145	303	37	82	86	98
1.5 to 1.9	812	734	290	311	103	30	78	26	37	12	3
2.0 to 2.4	487	420	191	152	61	16	67	23	35	9	-
2.5 to 2.9	301	253	114	92	39	8	48	10	33	5	-
3.0 to 3.9	494	435	241	111	70	13	59	35	19	-	5
4.0 or more	1 084	899	716	148	25	10	185	126	36	19	4
Not computed	85	76	63	9	4	-	9	4	5	-	-
HEATING EQUIPMENT											
Steam or hot water	-	-	-	-	-	-	-	-	-	-	-
Warm-air furnace	732	732	349	320	54	9	-	-	-	-	-
Built-in electric units	110	110	57	30	23	-	-	-	-	-	-
Floor, wall, or pipeless furnace	455	446	177	177	76	16	9	4	5	-	-
Other means	4 346	3 497	1 739	1 107	439	212	849	307	277	140	125
None	21	12	5	7	-	-	9	5	-	-	4
Renter occupied housing units	9 985	7 362	2 062	2 957	1 233	1 110	2 623	775	948	340	560
PERSONS											
1 person	1 904	1 191	1 161	30	-	-	713	649	64	-	-
2 persons	2 156	1 565	852	707	-	6	591	107	468	-	16
3 persons	1 528	1 158	34	1 080	44	-	370	19	278	73	-
4 persons	1 352	1 105	15	819	266	5	247	-	92	117	38
5 persons	1 010	834	-	241	331	262	176	-	25	56	95
6 persons or more	2 035	1 509	-	80	592	837	526	-	21	94	411
Median	3.1	3.3	1.4	3.2	5.4	7.0	2.5	1.1	2.4	4.3	6.9
Units with roomers, boarders, or lodgers	428	295	75	130	29	61	133	10	69	49	5
YEAR STRUCTURE BUILT											
1967 to March 1970	226	218	44	160	14	-	8	8	-	-	-
1965 to 1968	954	898	257	405	168	68	56	-	41	-	15
1960 to 1964	1 181	1 092	231	401	320	140	89	13	39	22	15
1950 to 1959	1 646	1 440	335	580	316	209	206	28	67	43	68
1940 to 1949	1 879	1 425	493	508	227	197	454	136	159	60	99
1939 or earlier	4 134	2 322	735	834	267	486	1 812	616	666	186	344
INCOME IN 1969											
Less than \$2,000	3 041	1 926	1 014	617	131	164	1 115	545	390	89	91
\$2,000 to \$2,999	1 655	1 198	299	484	190	225	457	94	212	61	90
\$3,000 to \$3,999	1 321	968	200	447	143	178	353	53	130	63	107
\$4,000 to \$4,999	1 006	756	106	322	210	118	250	45	52	44	109
\$5,000 to \$5,999	743	610	125	236	139	110	133	10	79	15	29
\$6,000 to \$6,999	605	516	118	226	73	99	89	4	23	22	40
\$7,000 to \$9,999	961	791	114	365	198	114	170	19	47	34	70
\$10,000 to \$14,999	580	530	76	232	132	90	50	5	15	6	24
\$15,000 to \$24,999	69	63	10	24	17	12	6	-	-	6	-
\$25,000 or more	4	4	-	4	-	-	-	-	-	-	-
Median	\$3 200	\$3 600	\$2 100	\$3 800	\$4 700	\$3 900	\$2 400	\$2000-	\$2 400	\$3 300	\$3 900
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	9 739	7 292	2 039	2 923	1 224	1 106	2 447	728	891	324	504
Less than 10 percent	961	681	94	266	178	143	280	39	77	48	116
10 to 14 percent	1 597	1 250	192	587	219	252	347	56	130	38	123
15 to 19 percent	1 618	1 258	277	539	281	161	360	65	153	69	73
20 to 24 percent	1 004	793	145	378	183	87	211	52	78	29	52
25 to 34 percent	1 346	1 052	304	400	152	196	294	100	111	36	47
35 percent or more	2 679	1 921	881	645	178	217	758	376	280	71	51
Not computed	534	337	146	108	33	50	197	40	82	33	42
HEATING EQUIPMENT											
Steam or hot water	16	16	-	5	4	7	-	-	-	-	-
Warm-air furnace	327	322	94	147	67	14	5	-	5	-	-
Built-in electric units	210	200	33	106	49	12	10	5	-	5	-
Floor, wall, or pipeless furnace	667	648	184	318	115	31	19	8	11	-	-
Other means	8 711	6 170	1 751	2 381	992	1 046	2 541	734	928	330	549
None	54	6	-	3	6	-	48	28	4	5	11

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table A-15. Rooms in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	5 664	6	46	352	1 354	1 586	1 421	613	286	5.2
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	4 631	-	7	180	976	1 417	1 247	505	299	5.3
PERSONS										
1 person	926	-	16	115	339	225	125	80	26	4.5
2 persons	1 391	-	22	100	379	437	335	94	24	4.9
3 persons	901	-	-	79	186	242	230	118	46	5.3
4 persons	671	-	3	18	101	192	224	89	44	5.6
5 persons	515	6	5	23	97	145	141	41	57	5.4
6 persons or more	1 260	-	-	17	252	345	366	191	89	5.3
Median	3.1	...	...	2.1	2.4	3.0	3.6	3.7	4.6	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	4 797	6	16	213	1 023	1 415	1 261	594	269	5.3
0.50 or less	2 327	-	11	69	565	618	636	278	150	5.3
0.51 to 1.00	1 641	-	-	117	215	527	439	247	96	5.4
1.01 to 1.50	592	-	-	10	147	183	172	57	23	5.3
1.51 or more	237	6	5	17	96	87	14	12	17	4.4
Lacking some or all plumbing facilities	867	-	30	139	331	171	160	19	17	4.3
0.50 or less	316	-	5	46	153	44	54	14	11	4.2
0.51 to 1.00	282	-	22	62	72	52	63	-	6	4.3
1.01 to 1.50	140	-	3	8	68	29	24	5	6	4.4
1.51 or more	129	-	-	23	38	46	19	-	-	4.5
BEDROOMS										
None and 1	351	-	67	165	98	-	21	-	-	...
2	2 184	-	-	270	930	667	317	-	-	4.4
3	2 504	-	-	-	142	858	998	458	48	5.8
4 or more	674	-	-	-	-	56	151	269	198	7.0
YEAR STRUCTURE BUILT										
1969 to March 1970	184	-	-	7	21	54	61	27	14	5.7
1960 to 1968	1 242	-	-	18	249	426	376	117	56	5.3
1950 to 1959	1 329	6	-	55	348	396	289	156	79	5.1
1949 or earlier	2 909	-	46	272	736	710	695	313	137	5.1
COMPLETE BATHROOMS										
1 and 1 1/2	4 287	-	7	180	975	1 396	1 163	388	178	5.2
2 or more	384	-	-	-	20	28	90	125	121	6.9
None or also used by another household	947	8	27	125	405	158	170	30	24	4.3
VALUE-INCOME RATIO										
Specified owner occupied¹	5 229	6	30	326	1 158	1 492	1 356	597	264	5.2
Less than 1.5	1 966	6	-	109	419	548	550	218	116	5.3
1.5 to 1.9	812	-	3	11	156	270	215	100	57	5.4
2.0 to 2.9	788	-	6	84	155	199	220	95	29	5.2
3.0 or more	1 578	-	14	117	402	466	354	165	58	5.0
Not computed	85	-	5	5	26	9	17	19	4	...
Renter occupied housing units	9 985	122	939	3 502	3 664	1 158	430	100	70	3.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	7 213	20	286	2 426	3 048	945	337	82	69	3.8
PERSONS										
1 person	1 904	94	492	851	355	77	21	10	4	2.9
2 persons	2 156	22	200	975	766	131	47	5	10	3.4
3 persons	1 528	-	117	521	710	127	40	9	4	3.7
4 persons	1 352	-	43	383	669	198	39	5	15	3.9
5 persons	1 010	-	14	343	387	180	72	8	6	3.9
6 persons or more	2 035	6	73	429	777	445	211	63	31	4.2
Median	3.1	1.1	1.5	2.4	3.5	4.8	5.4	7.2	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	7 362	42	276	2 443	3 081	1 038	333	86	63	3.8
0.50 or less	2 062	-	119	673	970	163	84	20	33	3.7
0.51 to 1.00	2 957	30	53	1 002	1 215	481	124	22	30	3.8
1.01 to 1.50	1 233	-	44	266	555	268	82	18	-	4.1
1.51 or more	1 110	12	60	502	341	126	43	26	-	3.5
Lacking some or all plumbing facilities	2 623	80	663	1 059	583	120	97	14	7	3.0
0.50 or less	775	-	373	178	151	45	24	4	-	2.6
0.51 to 1.00	948	64	147	494	164	24	38	10	7	3.0
1.01 to 1.50	340	-	73	117	116	5	29	-	-	3.3
1.51 or more	560	16	70	270	152	46	6	-	-	3.2
BEDROOMS										
None	145	119	-	26	-	-	-	-	-	...
1	3 233	-	878	2 047	271	21	16	-	-	2.9
2	5 058	-	-	1 438	3 157	343	120	-	-	3.8
3 or more	1 614	-	-	-	374	813	258	108	61	5.0
YEAR STRUCTURE BUILT										
1969 to March 1970	255	-	6	11	162	73	-	3	-	4.2
1960 to 1968	2 240	32	45	498	1 262	279	89	18	17	3.9
1950 to 1959	1 600	4	74	536	738	179	58	4	7	3.8
1949 or earlier	5 890	86	814	2 457	1 502	627	283	75	46	3.3
COMPLETE BATHROOMS										
1 and 1 1/2	7 210	42	286	2 433	3 061	952	307	82	47	3.8
2 or more	72	-	-	7	-	7	30	6	22	...
None or also used by another household	2 738	84	700	1 071	591	171	104	17	-	3.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	9 739	117	928	3 480	3 519	1 121	409	95	70	3.8
Less than 10 percent	961	12	53	307	445	110	24	5	5	3.7
10 to 14 percent	1 597	31	78	538	670	187	64	23	6	3.7
15 to 19 percent	1 618	11	126	553	703	171	43	6	5	3.7
20 to 24 percent	1 004	-	88	422	354	102	-	10	7	3.5
25 to 34 percent	1 346	12	127	481	469	159	87	6	5	3.6
35 percent or more	2 679	36	401	1 090	706	294	109	27	16	3.3
Not computed	534	15	55	89	172	98	61	18	26	4.1

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table A-16. Units in Structure for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

The SMSA	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	5 664	5 435	145	84	9 985	4 371	3 552	888	908	159	73	34
ROOMS												
1 room	6	6	-	-	122	31	22	22	34	13	-	-
2 rooms	46	30	16	-	939	410	403	66	32	14	5	9
3 rooms	352	336	4	12	3 502	1 430	1 411	273	293	56	30	9
4 rooms	1 354	1 244	69	41	3 664	1 435	1 308	428	375	64	38	16
5 rooms	1 586	1 544	11	31	1 158	623	294	99	130	12	-	-
6 rooms	1 421	1 391	30	-	430	294	97	-	39	-	-	-
7 rooms	613	606	7	-	100	83	17	-	-	-	-	-
8 rooms or more	286	278	8	-	70	65	-	-	5	-	-	-
Median	5.2	5.2	4.3	...	3.6	3.7	3.5	3.7	3.8	3.4	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	4 797	4 594	119	84	7 362	2 759	2 838	733	818	122	68	24
0.50 or less	2 327	2 232	71	24	2 062	753	774	183	294	17	26	15
0.51 to 1.00	1 641	1 546	43	52	2 957	1 051	1 103	316	367	75	36	9
1.01 to 1.50	592	588	4	4	1 233	436	555	137	99	6	-	-
1.51 or more	237	228	5	4	1 110	519	406	97	58	24	6	-
Lacking some or all plumbing facilities	867	841	26	-	2 623	1 612	714	155	90	37	5	10
0.50 or less	316	299	17	-	775	467	236	51	16	5	-	-
0.51 to 1.00	282	273	9	-	948	532	287	44	64	11	-	10
1.01 to 1.50	140	140	-	-	340	197	110	15	10	8	-	-
1.51 or more	129	129	-	-	560	416	81	45	-	13	5	-
BEDROOMS												
None	-	-	-	-	145	41	44	-	38	22	-	-
1	351	333	18	-	3 233	1 388	1 085	323	328	38	71	-
2	2 184	2 129	15	40	5 058	2 076	1 744	517	552	112	17	40
3	2 504	2 478	-	26	1 335	914	192	93	111	25	-	-
4 or more	674	674	-	-	279	193	60	-	26	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	184	148	5	31	255	21	53	65	67	23	21	5
1965 to 1968	577	534	6	37	1 052	223	540	196	70	9	-	14
1960 to 1964	665	637	23	5	1 188	228	823	81	21	19	5	11
1950 to 1959	1 329	1 314	8	7	1 600	577	628	260	81	29	21	4
1940 to 1949	988	946	42	-	1 812	794	497	61	408	47	5	-
1939 or earlier	1 921	1 856	61	4	4 078	2 528	1 011	225	261	32	21	-
INCOME IN 1969												
Less than \$2,000	1 216	1 151	62	3	3 041	1 331	1 071	203	379	36	16	5
\$2,000 to \$2,999	568	556	5	7	1 655	715	575	123	165	57	11	9
\$3,000 to \$3,999	548	516	20	12	1 321	599	461	102	131	22	6	-
\$4,000 to \$4,999	501	480	17	4	1 006	457	352	112	64	6	15	-
\$5,000 to \$5,999	523	490	18	15	743	310	330	69	23	-	5	6
\$6,000 to \$6,999	425	425	-	-	605	226	251	53	64	6	5	-
\$7,000 to \$9,999	1 012	969	10	33	961	441	302	135	55	9	5	14
\$10,000 to \$14,999	605	589	10	6	580	248	197	85	27	23	-	-
\$15,000 to \$24,999	244	237	3	4	69	44	9	6	-	-	10	-
\$25,000 or more	22	22	-	-	4	-	4	-	-	-	-	-
Median	\$5 000	\$5 000	\$3 300	...	\$3 200	\$3 200	\$3 300	\$4 100	\$2 500	\$2 800	...	...
YEAR MOVED INTO UNIT												
1969 to March 1970	510	449	20	41	2 821	954	1 125	377	234	72	39	20
1968	366	341	6	19	1 399	651	475	151	92	6	9	15
1967	300	286	-	14	1 007	332	451	145	57	22	-	-
1965 and 1966	527	510	5	12	1 339	550	496	92	192	9	-	-
1960 to 1964	880	846	34	-	1 605	758	581	118	134	14	-	-
1950 to 1959	1 330	1 285	45	-	958	490	327	13	97	15	16	-
1949 or earlier	1 705	1 626	74	5	891	618	200	-	64	9	-	-
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	9 739	4 125	3 552	888	908	159	73	34
Less than \$50	...	...	...	...	3 012	1 124	1 068	172	558	69	16	5
\$50 to \$59	...	...	...	...	1 973	941	735	129	132	10	21	5
\$60 to \$69	...	...	...	...	1 596	649	633	193	82	34	5	-
\$70 to \$79	...	...	...	...	1 013	441	409	124	11	18	-	10
\$80 to \$99	...	...	...	...	1 305	461	547	186	80	17	5	9
\$100 to \$119	...	...	...	...	295	111	71	70	15	7	21	-
\$120 to \$149	...	...	...	...	149	93	16	6	30	4	-	-
\$150 to \$199	...	...	...	...	15	4	7	4	-	-	-	-
\$200 to \$299	...	...	...	...	5	-	-	-	-	-	5	-
\$300 or more	...	...	...	...	-	-	-	-	-	-	-	-
No cash rent	...	...	...	...	376	301	66	4	-	-	-	5
Median	...	...	...	...	\$58	\$58	\$59	\$67	\$50	\$60	...	...
HEATING EQUIPMENT												
Steam or hot water	-	-	-	-	16	-	11	-	-	-	5	-
Warm-air furnace	732	653	4	75	327	67	119	60	30	21	10	20
Built-in electric units	110	110	-	-	210	27	84	71	28	-	-	-
Floor, wall, or pipeless furnace	455	440	11	4	667	87	368	86	88	11	22	5
Other means	4 346	4 211	130	5	8 711	4 164	2 954	663	758	127	36	9
None	21	21	-	-	54	26	16	8	4	-	-	-
AIR CONDITIONING												
Room unit(s)	1 300	1 240	38	22	918	191	466	166	56	16	6	17
Central system	277	272	-	5	96	13	50	-	19	6	-	8
None	4 041	3 831	146	64	9 006	4 149	3 139	730	795	125	58	10
AUTOMOBILES AVAILABLE												
1	2 490	2 387	47	56	3 491	1 534	1 300	374	202	39	19	23
2	1 376	1 325	29	22	717	340	279	46	39	6	7	-
3 or more	210	193	17	-	82	54	15	6	7	-	-	-
None	1 542	1 438	91	13	5 730	2 425	2 061	470	622	102	38	12

¹Excludes one-family homes on 10 acres or more.

Table A-17. Household Composition for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

The SMSA	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	5 664	71	457	734	1 449	557	160	85	948	277	471	455
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	4 797	71	393	613	1 258	446	139	63	836	235	398	345
0.50 or less	2 327	31	57	122	526	257	52	23	349	167	398	345
0.51 to 1.00	1 641	25	226	280	452	159	60	40	337	62	—	—
1.01 to 1.50	592	10	74	167	198	25	16	—	102	—	—	—
1.51 or more	237	5	36	44	82	5	11	—	48	6	—	—
Lacking some or all plumbing facilities	867	—	64	121	191	111	21	22	112	42	73	110
0.50 or less	316	—	18	12	34	23	5	5	22	14	73	110
0.51 to 1.00	282	—	17	29	79	68	5	12	59	14	—	—
1.01 to 1.50	140	—	25	31	33	5	11	5	16	14	—	—
1.51 or more	129	—	4	50	45	15	—	—	15	—	—	—
UNITS IN STRUCTURE												
1	5 435	57	423	728	1 418	547	149	85	893	256	448	431
2 or more	145	—	16	—	16	10	11	—	32	21	15	24
Mobile home or trailer	84	14	18	6	15	—	—	—	23	—	8	—
INCOME IN 1969												
Less than \$2,000	1 216	—	4	—	98	155	20	33	243	61	241	361
\$2,000 to \$2,999	568	6	5	43	71	97	13	6	143	44	69	71
\$3,000 to \$3,999	548	9	23	40	134	89	33	6	132	38	39	5
\$4,000 to \$4,999	501	10	36	52	164	37	10	4	82	47	48	11
\$5,000 to \$5,999	523	10	48	47	203	37	12	14	86	19	47	—
\$6,000 to \$6,999	425	5	55	84	146	48	5	—	72	5	5	—
\$7,000 to \$9,999	1 012	16	158	248	332	48	25	11	123	27	20	4
\$10,000 to \$14,999	605	15	120	146	185	35	25	11	39	24	2	3
\$15,000 to \$24,999	244	—	8	74	104	11	17	—	18	12	—	—
\$25,000 or more	22	—	—	—	12	—	—	—	10	—	—	—
Median	\$5 000	...	\$8 100	\$8 200	\$6 400	\$3 300	\$5 300	...	\$3 700	\$3 900	\$2 000	\$2000
VALUE-INCOME RATIO												
Specified owner occupied ¹	5 229	57	423	722	1 357	498	145	80	852	252	428	415
Less than 1.5	1 966	20	249	431	658	130	53	22	264	88	44	7
1.5 to 1.9	812	5	74	117	283	75	30	4	105	56	54	9
2.0 to 2.4	487	21	48	82	80	50	16	15	93	31	51	—
2.5 to 2.9	301	—	32	14	106	31	10	—	62	—	29	17
3.0 to 3.9	494	6	5	68	121	49	21	10	123	20	24	47
4.0 or more	1 084	5	15	10	100	150	10	29	191	57	202	315
Not computed	85	—	—	—	9	13	5	—	14	—	24	20
Renter occupied housing units	9 985	602	1 321	927	1 381	432	380	81	2 597	360	1 215	689
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	7 362	500	1 091	699	972	307	280	44	2 042	236	796	395
0.50 or less	2 062	75	106	43	180	69	90	14	226	98	771	390
0.51 to 1.00	2 957	312	535	262	416	174	107	25	992	104	25	5
1.01 to 1.50	1 233	65	317	202	194	32	28	5	375	15	—	—
1.51 or more	1 110	48	133	192	182	32	55	—	449	19	—	—
Lacking some or all plumbing facilities	2 623	102	230	228	409	125	100	37	555	124	419	294
0.50 or less	775	9	10	5	19	6	6	—	39	29	383	246
0.51 to 1.00	948	62	35	66	193	82	52	37	271	86	36	28
1.01 to 1.50	340	21	63	31	70	15	16	—	115	9	—	—
1.51 or more	560	10	122	126	127	19	26	—	130	—	—	—
UNITS IN STRUCTURE												
1	4 371	165	512	454	856	262	160	43	948	174	493	304
2 to 4	4 440	359	735	391	431	122	168	38	1 233	127	559	277
5 to 19	1 067	51	60	72	84	48	47	—	399	54	144	108
20 or more	73	16	5	10	10	—	5	—	17	—	10	—
Mobile home or trailer	34	11	9	—	—	—	—	—	—	5	9	—
GROSS RENT												
Specified renter occupied ²	9 739	602	1 294	890	1 310	410	369	81	2 571	355	1 183	674
Less than \$50	3 012	103	184	131	284	167	118	40	812	139	604	428
\$50 to \$39	1 973	104	239	207	260	51	79	26	554	86	233	134
\$60 to \$69	1 596	97	222	157	276	96	39	4	508	40	100	57
\$70 to \$79	1 013	65	174	128	167	70	30	—	244	28	94	13
\$80 to \$99	1 305	170	314	149	169	10	58	11	333	10	61	20
\$100 to \$119	295	58	74	30	60	5	5	—	26	18	19	—
\$120 to \$149	149	—	29	23	18	4	13	—	36	—	20	4
\$150 to \$199	15	—	—	4	—	—	7	—	4	—	—	—
\$200 to \$299	5	—	—	—	—	—	—	—	—	—	5	—
\$300 or more	—	—	—	—	—	—	—	—	—	—	—	—
No cash rent	376	5	58	61	74	5	—	—	—	—	—	18
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	9 739	602	1 294	890	1 310	410	369	81	2 571	355	1 183	674
Less than \$5,000	6 844	320	542	387	756	352	226	81	2 180	304	1 027	669
Less than 20 percent	1 607	149	231	141	239	75	74	33	431	34	179	21
20 to 24 percent	861	32	93	83	113	82	27	6	283	14	108	20
25 to 34 percent	1 296	56	119	75	157	50	47	9	501	52	141	89
35 percent or more	2 679	78	78	59	209	134	59	33	824	165	528	512
Not computed	401	5	21	.29	38	11	19	—	141	39	71	27
\$5,000 to \$9,999	2 248	251	544	367	435	39	102	—	330	38	137	5
Less than 20 percent	1 963	212	480	310	384	39	90	—	291	38	114	5
20 to 24 percent	143	39	21	20	21	—	—	—	23	—	19	—
25 to 34 percent	50	—	17	10	5	—	7	—	11	—	—	—
35 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	92	—	—	—	—	—	—	—	—	—	—	—
\$10,000 to \$14,999	574	27	187	122	104	19	41	—	—	—	—	—
Less than 20 percent	554	27	181	117	99	19	41	—	—	—	—	—
20 to 24 percent	—	—	—	—	—	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	20	—	6	5	5	—	—	—	—	—	—	—
\$15,000 or more	73	4	21	14	15	—	—	—	4	—	8	5
Less than 20 percent	52	4	16	9	4	—	—	—	6	—	8	5
20 to 24 percent	—	—	—	—	—	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	21	—	5	5	11	—	—	—	—	—	—	—

¹Limited to one-family homes on less than 10 acres and no business on property. ²Excludes one-family homes on 10 acres or more.

Table A-18. Persons in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	5 664	926	1 391	901	671	515	422	431	407	3.1
BEDROOMS										
None and 1	351	124	127	40	34	26	-	-	-	...
2	2 184	578	742	411	210	115	53	57	18	2.2
3	2 504	194	338	308	433	419	344	260	208	4.5
4 or more	674	63	16	104	69	44	103	176	99	5.9
YEAR STRUCTURE BUILT										
1969 to March 1970	184	3	41	55	33	10	9	25	8	3.4
1965 to 1968	577	44	85	104	131	46	61	55	51	3.9
1960 to 1964	665	67	128	88	87	93	69	72	61	4.1
1950 to 1959	1 329	159	326	222	140	148	112	106	116	3.3
1940 to 1949	988	155	253	167	101	93	65	62	92	3.0
1939 or earlier	1 921	498	558	265	179	125	106	111	79	2.3
UNITS IN STRUCTURE										
1	5 435	879	1 324	859	637	494	408	431	403	3.1
2 or more	145	39	51	7	26	12	10	-	-	2.2
Mobile home or trailer	84	8	16	35	8	9	4	-	4	...
COMPLETE BATHROOMS										
1 and 1 1/2	4 287	591	1 176	736	522	392	278	317	275	3.0
2 and 2 1/2	329	46	95	60	67	23	11	20	7	2.9
3 or more	55	20	6	6	12	11	-	-	-	...
None or also used by another household	947	219	183	150	40	60	101	49	145	3.0
HOUSEHOLD COMPOSITION										
Two-or-more-person households	4 738	...	1 391	901	671	515	422	431	407	3.6
Male head, wife present, no nonrelatives	3 268	...	879	540	474	375	327	360	313	4.0
Under 25 years	71	...	22	19	9	6	-	5	10	...
25 to 34 years	457	...	47	70	99	98	60	50	33	4.6
35 to 44 years	734	...	83	75	123	86	100	138	129	5.5
45 to 64 years	1 449	...	440	287	153	145	149	142	133	3.5
65 years and over	557	...	287	89	90	40	18	25	8	2.5
Other male head	245	...	74	65	37	19	10	16	24	3.2
Under 65 years	160	...	39	42	25	13	6	16	19	3.5
65 years and over	85	...	35	23	12	6	4	-	5	...
Female head	1 225	...	438	296	160	121	85	55	70	3.1
Under 65 years	948	...	302	232	128	97	79	40	70	3.2
65 years and over	277	...	136	64	32	24	6	15	-	2.5
One-person households	926	926	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner-occupied ¹	5 229	843	1 260	820	620	489	393	426	378	3.1
Less than 1.5	1 966	51	395	354	273	179	213	236	265	4.2
1.5 to 1.9	812	63	188	119	130	140	68	56	48	3.8
2.0 to 2.4	487	51	130	95	71	35	39	47	19	3.2
2.5 to 2.9	301	46	83	53	33	15	27	31	13	2.9
3.0 to 3.9	494	71	133	94	52	70	23	36	15	3.0
4.0 or more	1 084	517	314	89	61	50	15	20	18	1.6
Not computed	85	44	17	16	-	-	8	-	-	...
Renter occupied housing units	9 985	1 904	2 156	1 528	1 352	1 010	693	684	658	3.1
BEDROOMS										
None	145	79	40	-	-	26	-	-	-	...
1	3 233	1 246	786	505	216	207	151	61	61	2.0
2	5 058	473	1 076	1 204	882	625	292	279	227	3.3
3 or more	1 614	62	119	99	139	204	258	262	471	6.2
YEAR STRUCTURE BUILT										
1969 to March 1970	255	25	49	82	54	23	4	15	3	3.2
1965 to 1968	1 052	104	225	213	194	125	97	63	31	3.4
1960 to 1964	1 188	152	236	171	146	188	124	101	70	3.7
1950 to 1959	1 600	204	321	255	326	120	128	127	119	3.6
1940 to 1949	1 812	453	364	252	220	192	79	122	130	2.9
1939 or earlier	4 078	966	961	555	412	362	261	256	305	2.7
UNITS IN STRUCTURE										
1	4 371	797	891	624	474	489	305	342	449	3.3
2	3 552	646	816	589	555	352	261	206	127	3.0
3 and 4	888	190	151	131	156	61	95	73	31	3.3
5 to 9	908	240	197	107	158	108	32	39	27	2.7
10 to 19	159	12	54	52	4	-	-	18	19	2.8
20 or more	73	10	36	16	-	-	-	6	5	...
Mobile home or trailer	34	9	11	9	5	-	-	-	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	7 210	1 178	1 523	1 106	1 119	809	549	543	383	3.3
2 or more	72	9	6	6	14	-	13	18	6	...
None or also used by another household	2 738	776	644	340	245	186	145	160	242	2.4
HOUSEHOLD COMPOSITION										
Two-or-more-person households	8 081	...	2 156	1 528	1 352	1 010	693	684	658	3.8
Male head, wife present, no nonrelatives	4 663	...	1 126	796	855	607	426	412	441	4.0
Under 25 years	602	...	159	208	130	60	27	5	13	3.2
25 to 34 years	1 321	...	187	220	367	244	130	113	60	4.2
35 to 44 years	927	...	94	97	150	104	145	170	167	5.6
45 to 64 years	1 381	...	449	197	176	150	106	114	189	3.8
65 years and over	432	...	237	74	32	49	18	10	12	2.4
Other male head	461	...	223	102	34	17	22	21	42	2.6
Under 65 years	380	...	168	81	34	17	17	21	42	2.8
65 years and over	81	...	55	21	-	-	5	-	-	...
Female head	2 957	...	807	630	463	386	245	251	175	3.6
Under 65 years	2 597	...	550	582	440	357	245	248	175	3.9
65 years and over	360	...	257	48	23	29	-	3	-	2.2
One-person households	1 904	1 904	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	9 739	1 857	2 128	1 483	1 326	984	682	659	620	3.1
Less than 10 percent	961	66	129	160	169	109	84	140	104	4.2
10 to 14 percent	1 597	118	322	278	261	222	159	76	161	3.8
15 to 19 percent	1 618	154	427	266	257	191	146	90	87	3.4
20 to 24 percent	1 004	147	218	169	158	130	68	75	39	3.3
25 to 34 percent	1 346	230	313	235	159	151	78	90	90	3.1
35 percent or more	2 679	1 040	618	285	260	133	93	161	89	2.0
Not computed	534	102	101	90	62	48	54	27	50	3.2

¹Limited to one-family homes on less than 10 acres and no business on property. ²Excludes one-family homes on 10 acres or more.

Table B-1. Value of Owner Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Macon	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	19 474	810	1 757	2 395	3 216	2 808	4 157	1 871	1 460	626	374	13 900
ROOMS												
1 and 2 rooms	22	11	11	-	-	-	-	-	-	-	-	6 100
3 rooms	350	127	89	57	21	15	21	-	-	-	-	8 000
4 rooms	1 989	286	606	473	335	136	115	28	5	5	4	11 900
5 rooms	5 734	215	585	1 050	1 320	1 072	1 147	262	62	4	15	14 600
6 rooms	6 439	150	344	681	1 127	1 185	1 871	800	368	86	25	19 500
7 rooms	3 048	12	96	103	300	315	769	566	619	213	55	28 600
8 rooms or more	1 712	9	26	31	113	85	232	215	406	316	279	28 600
Median	5.8	4.4	4.8	5.1	5.4	5.7	5.9	6.3	7.0	7.5	7.5+	...
PERSONS												
1 person	2 290	184	435	395	354	236	393	137	84	55	17	10 900
2 persons	5 996	260	510	817	1 017	832	1 269	611	362	186	132	13 700
3 persons	3 809	122	255	417	619	611	964	343	297	133	48	14 500
4 persons	3 603	72	222	303	579	573	828	454	404	111	57	15 300
5 persons	2 073	51	133	205	359	347	397	201	185	102	93	14 600
6 persons or more	1 703	121	202	258	288	209	306	125	128	39	27	12 300
Median	2.9	2.4	2.4	2.5	2.9	3.0	2.9	3.0	3.5	3.0	3.3	...
Units with roomers, boarders, or lodgers	339	41	65	50	60	42	54	22	-	-	5	10 600
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	19 159	642	1 646	2 373	3 193	2 801	4 153	1 871	1 460	626	374	14 000
0.50 or less	10 774	336	937	1 351	1 690	1 429	2 315	1 111	838	449	318	14 400
0.51 to 1.00	7 324	215	519	781	1 280	1 237	1 722	735	602	177	56	14 300
1.01 to 1.50	840	65	129	193	201	123	84	25	20	-	-	10 400
1.51 or more	221	46	61	48	22	12	32	-	-	-	-	7 700
Lacking some or all plumbing facilities	315	148	111	16	5	4	4	-	-	-	-	5 200
0.50 or less	173	74	70	16	5	4	4	-	-	-	-	5 400
0.51 to 1.00	79	45	16	-	18	-	-	-	-	-	-	...
1.01 to 1.50	42	20	13	6	-	3	-	-	-	-	-	...
1.51 or more	21	9	12	-	-	-	-	-	-	-	-	...
BEDROOMS												
None and 1	468	137	152	33	61	39	46	-	-	-	-	6 600
2	6 238	461	1 001	1 264	1 350	839	881	195	186	42	19	10 700
3	10 743	188	625	902	1 705	1 704	2 787	1 524	950	195	163	15 400
4 or more	2 085	32	84	150	135	126	378	161	331	346	342	24 300
YEAR STRUCTURE BUILT												
1969 to March 1970	267	-	4	-	-	36	129	31	36	14	17	18 100
1965 to 1968	1 486	-	31	65	75	114	391	347	292	99	72	21 000
1960 to 1964	2 738	24	101	166	308	401	765	409	312	180	72	17 200
1950 to 1959	7 112	181	373	894	1 195	1 342	1 609	630	586	204	98	14 200
1940 to 1949	3 308	193	394	587	819	401	566	177	110	39	22	11 500
1939 or earlier	4 563	412	854	683	819	514	697	277	124	90	93	11 000
COMPLETE BATHROOMS												
1 and 1 1/2	13 734	599	1 562	2 279	2 848	2 483	3 065	654	174	46	24	12 100
2 and 2 1/2	4 509	19	14	88	276	315	1 043	1 128	1 132	400	94	22 200
3 or more	801	5	-	11	34	13	57	84	157	223	217	37 700
None or also used by another household	435	174	148	43	29	15	12	14	-	-	-	5 700
HOUSEHOLD COMPOSITION												
Two-or-more-person households	17 184	626	1 322	2 000	2 862	2 572	3 764	1 734	1 376	571	357	14 200
Male head, wife present, no nonrelatives	14 464	378	937	1 626	2 412	2 186	3 269	1 535	1 276	519	326	14 600
Under 25 years	367	11	10	45	98	68	114	21	-	-	-	13 200
25 to 34 years	2 220	17	77	280	312	341	664	289	184	45	11	15 500
35 to 44 years	3 610	55	196	352	623	548	768	405	392	159	112	15 200
45 to 64 years	6 474	159	492	693	996	1 014	1 402	653	637	253	175	14 700
65 years and over	1 793	136	162	256	383	215	321	167	63	62	28	12 200
Other male head	599	65	76	82	109	70	96	56	31	9	5	11 800
Under 65 years	430	43	48	51	74	46	79	44	31	9	5	12 500
65 years and over	169	22	28	31	35	24	17	12	-	-	-	10 300
Female head	2 121	183	309	292	341	316	399	143	69	43	26	12 000
Under 65 years	1 549	134	209	191	251	221	322	107	65	38	11	12 400
65 years and over	572	49	100	101	90	95	77	36	4	5	15	11 000
One-person households	2 290	184	435	395	354	236	393	137	84	55	17	10 900
Under 65 years	1 134	77	235	189	185	116	172	63	50	30	17	10 900
65 years and over	1 156	107	200	206	169	120	221	74	34	25	-	11 000
INCOME IN 1969												
Less than \$2,000	1 795	263	410	363	287	172	165	49	36	44	6	9 000
\$2,000 to \$2,999	963	126	235	155	197	59	103	33	43	6	6	9 400
\$3,000 to \$3,999	956	73	178	161	217	118	149	33	18	9	-	10 800
\$4,000 to \$4,999	934	36	149	243	133	82	186	73	26	6	-	10 700
\$5,000 to \$5,999	1 068	80	133	167	241	150	189	67	37	4	-	11 600
\$6,000 to \$6,999	1 088	27	163	180	243	182	218	49	15	6	5	11 800
\$7,000 to \$9,999	3 536	112	290	554	724	751	697	242	102	50	14	12 800
\$10,000 to \$14,999	4 945	80	172	481	882	901	1 421	590	315	73	30	14 900
\$15,000 to \$24,999	3 163	13	22	86	273	367	936	595	622	177	72	19 200
\$25,000 or more	1 026	-	5	5	19	26	93	140	246	251	241	34 100
Median	\$9 500	\$3 200	\$4 400	\$6 600	\$8 200	\$9 600	\$11 300	\$13 300	\$17 200	\$21 500	\$34 300	...
YEAR MOVED INTO UNIT												
1969 to March 1970	1 620	13	63	97	222	262	455	272	139	51	46	16 400
1968	1 342	26	69	126	168	168	343	181	221	57	21	16 800
1967	1 236	11	45	124	192	155	342	157	126	58	26	16 300
1965 and 1966	2 038	54	86	319	332	260	426	247	194	81	39	14 700
1960 to 1964	3 525	99	309	284	565	523	828	322	334	145	116	14 900
1950 to 1959	5 961	205	528	815	1 098	1 040	1 213	432	357	214	59	13 300
1949 or earlier	3 757	389	624	656	610	456	570	269	92	63	28	10 900
HEATING EQUIPMENT												
Steam or hot water	128	-	-	-	11	-	21	21	49	10	16	27 200
Warm-air furnace	7 316	12	63	121	392	851	2 285	1 435	1 263	567	327	19 800
Built-in electric units	193	5	12	18	39	24	56	17	6	16	-	14 800
Floor, wall, or pipeless furnace	6 325	61	345	1 092	1 766	1 469	1 236	252	85	5	14	12 400
Other means	5 489	722	1 337	1 164	1 008	464	552	140	57	28	17	9 000
None	23	10	-	-	-	-	7	6	-	-	-	...
AIR CONDITIONING												
Room unit(s)	10 888	167	514	1 331	2 071	2 118	2 866	1 071	534	168	48	14 100
Central system	3 216	-	7	75	89	193	649	627	839	473	264	24 700
None	5 375	630	1 203	1 015	1 027	515	662	182	90	28	23	9 600

¹Limited to one-family homes on less than 10 acres and no business on property.

Table B-2. Gross Rent of Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Macon	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	17 663	3 573	2 344	2 329	1 858	3 307	1 405	1 173	1 007	135	16	516	72
ROOMS													
1 room	426	230	45	16	45	37	23	-	-	6	-	24	50-
2 rooms	1 270	718	149	147	87	90	29	36	5	-	-	9	50-
3 rooms	4 979	1 514	1 341	819	385	483	106	174	86	-	-	71	57
4 rooms	6 005	795	559	944	791	1 642	492	286	380	9	-	107	78
5 rooms	3 002	260	204	273	387	677	463	340	247	52	-	99	89
6 rooms	1 392	44	46	99	122	294	210	228	208	28	11	102	104
7 rooms	387	12	-	26	24	71	62	54	57	25	-	56	130
8 rooms or more	202	-	-	5	17	13	20	55	24	15	5	48	112
Median	3.8	3.1	3.2	3.7	4.0	4.1	4.6	4.8	4.6	5.5	...	5.0	...
PERSONS													
1 person	4 088	1 470	587	442	363	539	179	168	138	16	11	175	58
2 persons	4 701	1 004	594	592	465	906	326	308	290	22	5	189	71
3 persons	3 012	410	376	364	283	666	311	285	228	29	-	60	81
4 persons	2 234	306	237	298	274	411	251	185	203	25	-	44	79
5 persons	1 467	149	199	249	168	350	132	90	88	21	-	21	78
6 persons or more	2 161	234	351	384	305	435	206	137	60	22	-	27	73
Median	2.6	1.8	2.5	2.9	2.9	2.8	3.1	2.9	2.8	3.5	...	1.9	...
Units with roomers, boarders, or lodgers	621	157	74	63	49	117	44	57	36	5	-	19	71
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	15 693	2 335	1 912	2 190	1 825	3 242	1 400	1 167	1 001	135	16	470	76
0.50 or less	6 292	1 181	649	733	654	1 245	503	477	446	51	16	337	76
0.51 to 1.00	6 595	851	729	838	752	1 452	674	576	517	84	-	122	81
1.01 to 1.50	1 706	166	270	314	281	381	175	81	32	-	-	6	74
1.51 or more	1 100	137	264	305	138	164	48	33	6	-	-	5	65
Lacking some or all plumbing facilities	1 970	1 238	432	139	33	65	5	6	6	-	-	46	50-
0.50 or less	654	444	113	43	10	10	-	6	6	-	-	22	50-
0.51 to 1.00	777	525	160	39	6	31	5	-	-	-	-	11	50-
1.01 to 1.50	229	136	49	21	6	17	-	-	-	-	-	-	50-
1.51 or more	310	133	110	36	11	7	-	-	-	-	-	13	51
BEDROOMS													
None	354	160	19	43	42	26	20	-	-	20	-	24	...
1	5 252	1 748	1 138	901	304	627	184	159	58	-	-	133	57
2	8 694	1 353	1 047	1 267	1 031	2 021	802	431	509	75	18	140	76
3 or more	3 293	286	176	319	369	653	490	321	450	19	-	210	92
YEAR STRUCTURE BUILT													
1969 to March 1970	515	80	28	5	16	57	50	45	225	9	-	-	134
1965 to 1968	1 815	138	108	118	104	555	199	253	270	44	11	15	95
1960 to 1964	1 716	182	194	290	251	220	128	155	231	20	-	45	77
1950 to 1959	2 917	170	336	450	361	715	367	317	114	32	-	55	83
1940 to 1949	3 237	945	475	410	233	635	280	99	53	-	-	107	64
1939 or earlier	7 463	2 058	1 203	1 056	893	1 125	381	304	114	30	5	294	63
ELEVATOR IN STRUCTURE													
4 floors or more	290	-	59	-	42	127	42	-	-	20	-	-	...
With elevator	228	-	19	-	42	105	42	-	-	20	-	-	...
Walk-up	62	-	40	-	-	22	-	-	-	-	-	-	...
1 to 3 floors	17 303	3 547	2 321	2 530	1 704	3 200	1 454	911	1 017	94	18	507	70
COMPLETE BATHROOMS													
1 and 1 1/2	14 696	2 272	1 871	2 087	1 758	3 109	1 270	1 108	769	30	7	415	75
2 or more	812	43	16	23	44	92	68	132	221	103	9	61	140
None or also used by another household	2 161	1 318	461	146	60	77	22	21	8	-	-	48	50-
INCOME IN 1969													
Less than \$2,000	4 122	1 944	707	530	291	331	62	37	80	9	-	131	51
\$2,000 to \$2,999	2 109	578	410	358	256	272	48	81	28	5	-	73	61
\$3,000 to \$3,999	1 781	349	442	237	187	322	82	75	24	9	-	54	63
\$4,000 to \$4,999	1 481	277	251	262	211	251	63	73	65	12	-	16	68
\$5,000 to \$5,999	1 441	108	136	197	209	413	150	98	64	6	5	55	82
\$6,000 to \$6,999	1 266	85	84	221	152	354	171	111	50	-	-	38	84
\$7,000 to \$9,999	2 725	138	165	351	299	807	388	272	210	10	5	80	89
\$10,000 to \$14,999	2 183	72	122	150	235	476	365	336	329	33	6	59	100
\$15,000 to \$24,999	477	19	22	19	18	76	76	62	124	51	-	10	122
\$25,000 or more	78	3	5	4	-	5	-	28	33	-	-	-	...
Median	\$4 600	\$2000-	\$3 100	\$4 200	\$4 900	\$6 200	\$8 000	\$8 200	\$9 800	\$12 500	...	\$4 000	...
YEAR MOVED INTO UNIT													
1969 to March 1970	6 598	1 097	528	693	581	1 485	695	638	731	72	-	78	85
1968	2 322	292	289	337	260	476	236	239	111	35	-	47	78
1967	1 525	296	178	255	177	368	88	90	36	-	9	28	71
1965 and 1966	2 357	481	358	370	311	425	182	147	37	11	-	35	69
1960 to 1964	2 323	636	473	272	293	303	90	83	72	15	-	86	60
1950 to 1959	1 564	434	351	210	173	135	54	64	4	7	-	132	58
1949 or earlier	980	397	171	119	67	86	15	-	7	-	-	118	52
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 910	427	295	334	295	331	121	49	58	-	-	...	67
10 to 14 percent	3 419	472	309	528	362	869	430	275	148	26	-	...	81
15 to 19 percent	3 142	508	410	316	319	677	333	265	268	46	-	...	81
20 to 24 percent	1 982	334	342	213	214	370	196	156	149	8	-	...	75
25 to 34 percent	2 232	514	310	315	226	402	138	182	130	9	6	...	69
35 percent or more	4 167	1 240	636	580	387	615	182	242	234	41	10	...	64
Not computed	811	78	42	43	55	43	5	4	20	5	-	516	66
AIR CONDITIONING													
Room unit(s)	4 306	153	214	386	484	1 219	684	659	243	58	7	199	94
Central system	1 277	41	5	37	38	86	27	298	652	75	9	9	158
None	12 086	3 439	2 129	1 833	1 340	1 973	649	304	103	-	-	316	62

¹Excludes one-family homes on 10 acres or more.

Table B-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Macon	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	20 623	2 058	1 069	1 092	1 027	1 143	1 147	3 658	5 095	3 258	1 076	9 300
ROOMS												
1 and 2 rooms	76	42	7	5	5	—	—	5	6	—	6	...
3 rooms	514	199	84	72	14	34	29	50	14	18	—	2 700
4 rooms	2 263	538	219	171	166	212	166	439	279	59	14	5 200
5 rooms	6 054	531	320	347	397	427	359	1 286	1 751	560	76	8 500
6 rooms	6 798	483	277	361	274	289	371	1 343	1 941	1 260	199	10 000
7 rooms or more	4 918	265	162	136	171	181	222	553	1 104	1 361	781	13 600
PERSONS												
1 person	2 733	1 147	384	246	223	185	174	173	142	44	15	2 600
2 persons	6 361	600	416	461	361	417	372	1 139	1 402	829	364	8 500
3 and 4 persons	7 682	215	154	258	278	373	359	1 527	2 448	1 591	479	11 400
5 persons	2 121	40	44	46	88	99	117	434	647	481	125	11 500
6 persons or more	1 726	56	71	81	77	69	125	385	456	313	93	10 000
Units with roomers, boarders, or lodgers	368	145	37	36	13	14	22	33	32	23	13	3 100
BEDROOMS												
Less than 3	7 637	1 522	684	712	450	369	630	1 502	1 070	536	162	6 100
3	10 900	449	355	590	336	690	450	2 072	3 391	2 083	484	10 700
4 or more	2 141	118	48	104	60	94	63	176	469	561	448	14 300
YEAR STRUCTURE BUILT												
1969 to March 1970	298	4	—	17	29	26	25	85	46	38	28	8 700
1960 to 1968	4 398	146	84	88	140	169	147	779	1 485	1 040	320	12 200
1950 to 1959	7 322	433	234	215	329	370	437	1 407	2 049	1 440	408	10 600
1949 or earlier	8 605	1 475	751	772	529	578	538	1 387	1 515	740	320	6 400
YEAR MOVED INTO UNIT												
1969 to March 1970	1 720	73	22	73	100	76	159	367	486	290	74	9 900
1968	1 400	76	55	69	52	58	63	297	345	320	65	10 400
1960 to 1967	7 091	408	244	201	318	324	354	1 364	2 089	1 346	443	10 800
1959 or earlier	10 412	1 455	723	629	618	696	583	1 607	2 220	1 356	525	7 900
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	16 012	890	737	784	648	902	870	3 010	4 345	2 778	1 048	10 200
Clothes dryer	8 920	249	109	200	213	353	347	1 566	2 691	2 284	908	12 600
Dishwasher	4 418	113	107	40	43	103	88	411	1 137	1 520	856	16 100
Home food freezer	8 340	446	411	319	301	292	565	1 663	2 096	1 707	540	10 400
Owned second home	1 137	19	50	70	43	36	38	116	354	258	153	12 800
With air conditioning	14 884	670	446	486	590	688	727	2 793	4 331	3 103	1 050	11 200
Room unit(s)	11 568	544	377	429	561	587	616	2 509	3 538	2 069	338	10 200
Central system	3 316	126	69	57	29	101	111	284	793	1 034	712	15 900
Automobiles available:												
1	7 736	715	529	645	671	680	749	1 710	1 471	459	107	6 800
2	8 660	154	99	117	195	339	255	1 549	3 107	2 190	655	12 600
3 or more	1 979	47	32	47	33	37	53	249	485	651	345	15 100
Renter occupied housing units	17 736	4 132	2 109	1 793	1 494	1 447	1 270	2 742	2 183	483	83	4 600
ROOMS												
1 room	426	133	31	71	48	24	18	71	30	—	—	3 700
2 rooms	1 277	629	198	128	100	42	51	88	27	14	—	2 000
3 rooms	4 992	1 701	700	661	498	402	334	441	196	40	19	3 100
4 rooms	6 023	1 115	713	598	464	561	483	1 143	837	100	9	5 200
5 rooms	3 021	407	349	190	264	241	243	589	569	146	23	6 200
6 rooms or more	1 997	147	118	145	120	177	141	410	524	143	32	8 100
PERSONS												
1 person	4 104	2 038	521	317	216	236	181	358	195	28	14	2 000
2 persons	4 715	1 023	602	579	446	375	359	670	498	140	23	4 300
3 and 4 persons	5 280	719	526	493	421	491	418	1 049	941	191	31	6 000
5 persons	1 471	108	207	168	164	114	121	247	262	80	—	5 000
6 persons or more	2 166	244	253	236	247	231	191	418	287	44	15	5 400
Units with roomers, boarders, or lodgers	621	217	84	115	54	32	12	74	33	—	—	3 100
BEDROOMS												
None	354	128	19	80	39	22	22	—	44	—	—	...
1	5 278	2 022	862	524	554	318	270	368	305	36	19	2 700
2	8 715	1 704	919	838	726	759	609	1 639	1 378	143	—	5 200
3 or more	3 313	397	296	217	224	274	395	608	657	224	21	6 600
YEAR STRUCTURE BUILT												
1969 to March 1970	515	90	34	35	67	22	28	73	117	35	14	6 300
1960 to 1968	3 540	575	326	272	280	398	340	591	578	161	19	5 800
1950 to 1959	2 930	372	273	238	274	241	286	640	516	80	10	6 200
1949 or earlier	10 751	3 095	1 476	1 248	873	786	616	1 438	972	207	40	3 600
YEAR MOVED INTO UNIT												
1969 to March 1970	6 613	1 329	716	607	658	650	476	1 124	822	183	48	5 000
1968	2 343	357	271	228	146	202	221	463	344	89	22	5 800
1960 to 1967	6 230	1 581	707	665	521	492	396	873	788	183	24	4 300
1959 or earlier	2 550	851	411	311	187	150	139	293	147	55	6	3 000
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	17 663	4 122	2 109	1 781	1 481	1 441	1 266	2 725	2 183	477	78	4 600
Less than 15 percent	5 329	—	69	134	341	361	506	1 695	1 709	436	78	9 200
15 to 19 percent	3 142	67	220	450	480	448	465	617	364	31	—	5 800
20 to 24 percent	1 982	161	308	454	296	334	143	245	41	—	—	4 200
25 to 34 percent	2 232	427	773	437	229	171	107	78	10	—	—	2 900
35 percent or more	4 167	3 041	666	252	119	72	7	10	—	—	—	2000 —
Not computed	811	426	73	54	16	55	38	80	59	10	—	2000 —
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	7 687	1 136	729	555	589	580	632	1 627	1 518	300	21	6 400
Clothes dryer	1 646	93	40	101	—	178	82	448	540	143	21	9 200
Dishwasher	635	40	22	22	59	—	46	133	223	71	19	9 900
Home food freezer	2 241	254	207	196	231	193	217	380	495	68	—	6 200
Owned second home	219	20	36	—	23	—	—	40	83	17	—	...
With air conditioning	5 600	468	303	377	378	459	524	1 390	1 223	404	74	7 600
Room unit(s)	4 317	397	229	312	252	352	424	1 169	911	241	70	7 500
Central system	1 283	71	74	65	126	107	100	221	312	163	44	8 300
Automobiles available:												
1	7 425	883	692	831	695	852	761	1 509	1 018	144	40	5 700
2	2 972	93	94	115	174	252	241	804	869	277	53	8 900
3 or more	346	20	16	5	22	38	15	69	82	72	7	9 500

¹Excludes one-family homes on 10 acres or more.

Table B-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Macon	With all plumbing facilities					Lacking some or all plumbing facilities					
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	
Owner occupied housing units	20 423	20 287	11 579	7 626	844	232	342	190	89	42	21
PERSONS											
1 person	2 733	2 598	2 598	-	-	-	135	135	-	-	-
2 persons	6 361	6 292	6 137	149	-	6	69	41	28	-	-
3 persons	3 970	3 921	2 369	1 552	-	-	49	14	35	-	-
4 persons	3 712	3 690	315	3 360	15	-	22	-	14	8	-
5 persons	2 121	2 104	160	1 778	149	17	17	-	6	6	5
6 persons or more	1 726	1 676	-	787	680	209	50	-	6	28	16
Median	2.8	2.8	2.0	4.1	6.3	7.5+	2.0	1.2	...	...	...
Units with roomers, boarders, or lodgers	368	338	179	124	35	-	30	9	21	-	-
YEAR STRUCTURE BUILT											
1949 to March 1970	299	293	128	140	17	8	6	6	-	-	-
1945 to 1948	1 577	1 572	677	799	86	10	5	5	-	-	-
1940 to 1944	2 768	2 768	1 192	1 455	105	16	-	-	-	-	-
1935 to 1939	7 304	7 274	3 630	3 252	329	63	30	18	5	-	7
1930 to 1934	3 577	3 477	2 344	954	121	58	100	46	29	10	15
1929 or earlier	5 098	4 896	3 638	1 029	155	74	202	133	48	21	-
INCOME IN 1969											
Less than \$2,000	2 058	1 882	1 645	177	47	13	176	139	26	6	5
\$2,000 to \$2,999	1 069	1 018	796	160	59	3	51	16	19	11	5
\$3,000 to \$3,999	1 092	1 075	774	219	52	30	17	9	7	8	-
\$4,000 to \$4,999	1 027	1 005	634	312	49	10	22	11	7	8	-
\$5,000 to \$5,999	1 143	1 115	680	372	63	3	28	7	7	7	-
\$6,000 to \$6,999	1 147	1 121	648	401	63	9	26	9	7	10	-
\$7,000 to \$9,999	3 658	3 644	1 730	1 597	220	97	14	4	10	-	-
\$10,000 to \$14,999	5 095	5 091	2 327	2 485	219	60	4	4	-	-	4
\$15,000 to \$24,999	3 258	3 254	1 644	1 534	72	4	4	4	-	-	-
\$25,000 or more	1 076	1 076	701	369	-	6	-	-	-	-	-
Median	\$9 300	\$9 400	\$8 100	\$11 200	\$8 200	\$8 600	\$2000-	\$2000-	...	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹											
Less than 1.5	19 474	19 159	10 774	7 324	840	221	315	173	79	42	21
1.5 to 1.9	8 996	8 902	4 072	4 229	442	159	94	20	36	22	16
2.0 to 2.4	3 518	3 501	1 809	1 514	153	25	17	5	7	5	-
2.5 to 2.9	1 898	1 867	1 127	640	84	16	31	16	6	9	-
3.0 to 3.9	1 277	1 277	679	345	49	3	17	12	3	9	-
4.0 or more	2 510	2 407	2 070	280	67	8	103	86	11	6	5
Not computed	182	173	139	15	19	-	9	4	5	-	-
HEATING EQUIPMENT											
Steam or hot water	133	133	99	34	-	-	-	-	-	-	-
Warm-air furnace	7 645	7 645	4 243	3 232	165	5	-	-	-	-	-
Built-in electric units	202	202	122	61	19	-	-	-	-	-	-
Floor, wall, or pipeless furnace	6 612	6 608	3 691	2 615	276	26	4	4	-	-	-
Other means	6 008	5 675	3 413	1 677	384	201	333	181	89	42	21
None	23	18	11	7	-	-	5	5	-	-	-
Renter occupied housing units	17 736	15 752	6 328	6 609	1 715	1 100	1 984	654	784	229	317
PERSONS											
1 person	4 104	3 369	3 121	248	-	-	735	600	135	-	-
2 persons	4 715	4 192	2 838	1 341	-	13	523	46	453	-	24
3 persons	3 039	2 793	322	2 413	58	-	246	8	167	71	-
4 persons	2 241	2 085	36	1 717	327	5	156	-	25	103	28
5 persons	1 471	1 385	11	631	464	279	86	-	-	28	58
6 persons or more	2 766	1 928	-	259	866	803	238	-	4	27	207
Median	2.5	2.6	1.5	3.2	5.5	6.9	2.0	1.0	2.1	3.9	6.4
Units with roomers, boarders, or lodgers	621	484	157	210	50	67	137	10	73	49	5
YEAR STRUCTURE BUILT											
1949 to March 1970	505	505	185	298	22	-	-	-	-	-	-
1945 to 1948	1 744	1 732	656	840	176	60	12	-	12	-	-
1940 to 1944	1 723	1 689	488	765	321	115	34	-	16	8	10
1935 to 1939	2 951	2 866	1 020	1 289	389	168	85	15	23	22	25
1930 to 1934	3 239	2 948	1 326	1 073	331	218	291	86	114	41	50
1929 or earlier	7 574	5 998	2 606	2 292	550	550	1 576	547	669	140	220
INCOME IN 1969											
Less than \$2,000	4 132	3 175	1 964	899	162	150	957	483	344	80	50
\$2,000 to \$2,999	2 109	1 775	772	602	197	204	334	94	159	40	41
\$3,000 to \$3,999	1 793	1 514	557	627	145	185	279	30	130	53	66
\$4,000 to \$4,999	1 494	1 322	395	566	243	118	172	25	41	28	78
\$5,000 to \$5,999	1 447	1 376	439	629	193	115	71	10	49	-	12
\$6,000 to \$6,999	1 270	1 207	383	582	130	110	63	-	26	17	20
\$7,000 to \$9,999	2 742	2 656	878	1 268	383	127	86	4	31	5	46
\$10,000 to \$14,999	2 742	2 656	878	1 268	383	127	86	4	31	5	46
\$15,000 to \$24,999	2 163	2 164	693	1 173	219	79	19	5	4	6	4
\$25,000 or more	483	483	210	228	33	12	-	-	-	-	-
Median	83	80	35	35	10	-	3	3	-	-	-
	\$4 600	\$5 100	\$3 800	\$6 000	\$5 600	\$4 100	\$2 100	\$2000-	\$2 300	\$2 900	\$4 000
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²											
Less than 10 percent	17 663	15 693	6 292	6 595	1 706	1 100	1 970	654	777	229	310
10 to 14 percent	1 910	1 745	465	889	249	142	165	26	54	25	60
15 to 19 percent	3 419	3 182	1 041	1 514	380	247	237	20	119	29	69
20 to 24 percent	3 142	2 852	944	1 339	393	176	290	40	151	50	49
25 to 34 percent	1 982	1 803	615	822	258	108	179	48	67	29	35
35 percent or more	2 232	1 953	790	778	191	194	279	114	112	26	27
Not computed	4 167	3 442	1 997	1 038	219	188	725	374	236	64	51
	811	716	440	215	16	45	95	32	38	6	19
HEATING EQUIPMENT											
Steam or hot water	606	570	296	255	4	15	36	12	24	-	-
Warm-air furnace	2 079	2 061	979	977	95	10	18	-	18	-	-
Built-in electric units	680	680	229	374	69	8	-	-	-	-	-
Floor, wall, or pipeless furnace	2 496	2 490	1 055	1 182	198	55	6	6	6	-	-
Other means	11 837	9 945	3 769	3 821	1 343	1 012	1 892	619	732	224	317
None	38	6	-	-	6	-	32	23	4	5	-

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B-5. Rooms in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Macon

	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	20 623	6	70	514	2 263	6 054	6 798	3 150	1 768	5.7
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	20 144	8	44	377	2 062	5 971	6 821	3 108	1 753	5.7
PERSONS										
1 person	2 733	-	49	239	596	733	634	333	149	5.2
2 persons	6 361	6	16	161	774	2 010	2 228	817	349	5.6
3 persons	3 970	-	-	63	345	1 179	1 402	628	353	5.8
4 persons	3 712	-	-	23	217	1 144	1 278	735	315	5.9
5 persons	2 121	-	5	17	155	523	731	338	352	6.0
6 persons or more	1 726	-	-	11	176	465	525	299	250	5.9
Median	2.8	...	...	1.6	2.2	2.7	2.9	3.2	3.6	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	20 281	6	54	436	2 133	5 992	6 747	3 145	1 768	5.7
0.50 or less	11 579	-	44	201	1 288	2 711	4 236	1 773	1 326	5.9
0.51 to 1.00	7 626	-	5	197	541	2 835	2 304	1 326	418	5.6
1.01 to 1.50	844	-	-	15	217	365	193	34	20	5.0
1.51 or more	232	6	5	23	87	81	14	12	4	4.4
Lacking some or all plumbing facilities	342	-	16	78	130	62	51	5	-	4.1
0.50 or less	190	-	5	38	82	32	28	5	-	4.1
0.51 to 1.00	89	-	11	27	21	11	19	-	-	...
1.01 to 1.50	42	-	-	8	22	12	-	-	-	...
1.51 or more	21	-	-	5	5	7	4	-	-	...
BEDROOMS										
None and 1	684	-	95	318	136	77	21	18	19	3.3
2	6 953	-	-	363	1 920	2 708	1 573	330	59	4.9
3	10 900	-	-	-	182	3 296	4 556	2 263	603	5.9
4 or more	2 141	-	-	-	-	48	337	515	1 241	7.5+
YEAR STRUCTURE BUILT										
1949 to March 1970	298	-	6	11	12	123	61	51	34	5.5
1960 to 1968	4 398	-	6	29	266	1 237	1 415	891	554	6.0
1950 to 1959	7 322	-	5	90	810	2 384	2 587	990	456	5.6
1949 or earlier	8 605	6	53	384	1 175	2 310	2 735	1 218	724	5.6
COMPLETE BATHROOMS										
1 and 1 1/2	14 641	8	44	370	1 985	5 427	5 155	1 355	297	5.4
2 or more	5 510	-	-	7	84	544	1 666	1 753	1 456	6.8
None or also used by another household	472	-	15	67	185	84	101	14	6	4.3
VALUE-INCOME RATIO										
Specified owner occupied¹	19 474	6	16	330	1 989	5 734	6 639	3 048	1 712	5.8
Less than 1.5	8 996	6	-	109	869	2 897	3 221	1 246	648	5.7
1.5 to 1.9	3 518	-	-	11	261	1 088	1 197	591	370	5.8
2.0 to 2.9	2 991	-	6	75	258	717	1 014	574	347	5.9
3.0 or more	3 787	-	5	130	566	1 002	1 150	591	343	5.7
Not computed	182	-	5	5	35	30	57	46	4	5.8
Renter occupied housing units	17 736	426	1 277	4 992	6 023	3 021	1 397	398	202	3.9
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	15 214	60	614	4 059	5 604	2 935	1 363	389	190	4.0
PERSONS										
1 person	4 104	383	718	1 727	910	244	92	15	15	3.1
2 persons	4 715	37	315	1 479	1 729	781	268	74	32	3.8
3 persons	3 039	-	129	670	1 361	549	260	42	28	4.0
4 persons	2 241	-	33	430	869	540	240	93	36	4.3
5 persons	1 471	-	15	322	492	352	192	57	41	4.3
6 persons or more	2 166	6	67	364	662	555	345	117	50	4.5
Median	2.5	1.1	1.4	2.0	2.8	3.4	3.8	4.2	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	15 752	267	613	4 128	5 804	2 967	1 377	394	202	4.0
0.50 or less	6 328	-	339	1 567	2 563	1 000	610	127	122	4.0
0.51 to 1.00	6 609	248	162	1 718	2 173	1 437	570	226	75	4.0
1.01 to 1.50	1 715	-	58	327	769	393	143	20	5	4.1
1.51 or more	1 100	19	54	516	299	137	54	21	-	3.4
Lacking some or all plumbing facilities	1 984	159	664	864	219	54	20	4	-	2.7
0.50 or less	654	-	379	160	76	25	10	4	-	2.4
0.51 to 1.00	784	135	153	431	57	4	4	-	-	2.7
1.01 to 1.50	229	-	71	103	55	-	-	-	-	2.9
1.51 or more	317	24	61	170	31	25	6	-	-	2.9
BEDROOMS										
None	354	328	-	26	-	-	-	-	-	...
1	5 278	-	1 166	3 409	585	1 100	-	18	-	2.9
2	8 715	-	-	1 427	5 493	1 371	403	21	-	4.0
3 or more	3 313	-	-	-	292	1 421	1 017	373	210	5.5
YEAR STRUCTURE BUILT										
1969 to March 1970	515	-	12	52	340	104	4	3	-	4.1
1960 to 1968	3 540	38	56	646	1 803	651	261	69	16	4.1
1950 to 1959	2 930	6	104	665	1 137	636	320	51	11	4.1
1949 or earlier	10 751	382	1 105	3 629	2 743	1 630	812	275	175	3.6
COMPLETE BATHROOMS										
1 and 1 1/2	14 743	281	645	4 061	5 519	2 755	1 173	223	86	3.9
2 or more	824	14	-	37	105	202	196	166	104	5.8
None or also used by another household	2 169	186	698	919	251	98	12	5	-	2.7
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	17 663	426	1 270	4 979	6 005	3 002	1 392	387	202	3.9
Less than 10 percent	1 910	80	115	449	662	374	136	61	33	4.0
10 to 14 percent	3 419	90	147	739	1 267	667	377	109	23	4.1
15 to 19 percent	3 142	62	154	794	1 236	522	267	63	44	4.0
20 to 24 percent	1 982	22	125	589	705	363	137	29	12	3.9
25 to 34 percent	2 232	36	140	732	724	383	182	19	16	3.8
35 percent or more	4 167	70	543	1 540	1 198	562	186	46	22	3.5
Not computed	811	66	46	136	213	131	107	60	52	4.2

¹Limited to one-family homes on less than 10 acres and no business on property. ²Excludes one-family homes on 10 acres or more.

Table B-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Macon	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	20 623	19 708	714	201	17 736	7 133	5 274	2 064	1 791	616	827	31
ROOMS												
1 room	6	6	-	-	426	26	37	55	88	29	191	-
2 rooms	70	16	37	17	1 277	396	450	116	115	87	113	-
3 rooms	514	330	123	61	4 992	1 588	1 918	549	511	155	265	6
4 rooms	2 263	2 019	163	81	6 023	1 899	2 127	887	663	268	165	14
5 rooms	6 054	5 804	208	42	3 021	1 669	563	366	299	56	63	5
6 rooms	6 798	6 707	91	-	1 397	1 036	129	76	110	21	19	6
7 rooms	3 150	3 086	64	-	398	334	43	15	-	-	6	-
8 rooms or more	1 768	1 740	28	-	202	185	7	-	5	-	5	-
Median	5.7	5.8	4.7	3.8	3.9	4.3	3.6	3.9	3.8	3.6	2.9	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	20 281	19 393	687	201	15 752	6 232	4 606	1 892	1 635	540	816	31
0.50 or less	11 579	10 944	533	102	6 328	2 210	1 799	794	825	296	393	11
0.51 to 1.00	7 626	7 378	149	99	6 609	2 795	1 778	769	627	227	397	16
1.01 to 1.50	844	844	-	-	1 715	717	620	220	131	11	12	4
1.51 or more	232	227	5	-	1 100	510	409	109	52	6	14	-
Lacking some or all plumbing facilities	342	315	27	-	1 984	901	668	172	156	76	11	-
0.50 or less	190	173	17	-	654	307	236	58	25	22	6	-
0.51 to 1.00	89	79	10	-	784	306	264	61	117	36	-	-
1.01 to 1.50	42	42	-	-	229	93	103	15	10	8	-	-
1.51 or more	21	21	-	-	317	195	65	38	4	10	5	-
BEDROOMS												
None	-	-	-	-	354	43	68	38	38	22	145	-
1	684	468	190	26	5 278	1 527	1 620	849	639	247	374	22
2	6 953	6 357	434	162	8 715	3 386	2 809	1 121	858	371	170	-
3	10 900	10 779	84	37	2 845	1 983	368	168	213	81	32	-
4 or more	2 141	2 103	38	-	468	382	60	-	26	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	298	267	-	31	515	23	90	69	160	67	102	4
1965 to 1968	1 596	1 491	15	90	1 819	276	614	406	164	156	197	6
1960 to 1964	2 802	2 748	20	34	1 721	438	922	246	64	16	26	9
1950 to 1959	7 322	7 195	99	28	2 930	1 546	823	351	97	36	65	12
1940 to 1949	3 476	3 357	107	12	3 242	1 426	939	190	587	82	18	-
1939 or earlier	5 129	4 650	473	6	7 509	3 424	1 886	802	719	259	419	-
INCOME IN 1969												
Less than \$2,000	2 058	1 837	188	33	4 132	1 330	1 509	358	588	199	142	6
\$2,000 to \$2,999	1 069	986	78	5	2 109	756	712	229	255	78	79	-
\$3,000 to \$3,999	1 092	976	97	19	1 793	681	612	184	208	61	47	-
\$4,000 to \$4,999	1 027	939	60	28	1 494	562	455	212	138	46	81	-
\$5,000 to \$5,999	1 143	1 073	61	9	1 447	573	536	146	76	32	79	5
\$6,000 to \$6,999	1 147	1 097	24	26	1 270	504	391	154	114	50	51	6
\$7,000 to \$9,999	3 658	3 557	63	38	2 742	1 344	597	399	188	66	134	14
\$10,000 to \$14,999	5 095	4 985	73	37	2 183	1 099	419	315	143	60	147	-
\$15,000 to \$24,999	3 258	3 198	60	-	483	234	39	52	73	24	61	-
\$25,000 or more	1 076	1 060	10	6	83	50	4	15	8	-	6	-
Median	\$9 300	\$9 500	\$3 900	\$6 300	\$4 600	\$5 400	\$3 700	\$5 300	\$3 300	\$3 500	\$5 800	...
YEAR MOVED INTO UNIT												
1969 to March 1970	1 720	1 626	44	50	6 613	2 270	1 848	986	810	251	414	34
1968	1 400	1 361	14	25	2 343	1 065	612	293	209	89	75	-
1967	1 273	1 241	-	32	1 536	602	568	201	68	65	32	-
1965 and 1966	2 138	2 054	50	34	2 357	957	825	168	250	46	111	-
1960 to 1964	3 680	3 556	89	35	2 337	947	768	221	225	68	108	-
1950 to 1959	6 023	5 841	170	12	1 487	639	459	107	157	40	85	-
1949 or earlier	4 389	4 046	336	7	1 063	634	263	33	64	9	60	-
GROSS RENT												
Specified renter occupied¹ .....	...	...	...	...	17 663	7 060	5 274	2 064	1 791	616	827	31
Less than \$50 .....	...	...	...	...	3 573	947	1 318	228	751	208	121	-
\$50 to \$59 .....	...	...	...	...	2 344	980	943	164	161	27	69	-
\$60 to \$69 .....	...	...	...	...	2 329	859	873	335	171	60	31	-
\$70 to \$79 .....	...	...	...	...	1 858	758	634	248	81	58	79	-
\$80 to \$99 .....	...	...	...	...	3 307	1 413	1 018	459	215	67	129	6
\$100 to \$119 .....	...	...	...	...	1 405	751	227	208	80	54	73	12
\$120 to \$149 .....	...	...	...	...	1 173	589	146	168	106	43	112	9
\$150 to \$199 .....	...	...	...	...	1 007	283	38	213	217	77	175	4
\$200 to \$299 .....	...	...	...	...	135	88	8	-	-	22	17	-
\$300 or more .....	...	...	...	...	16	-	-	11	-	-	5	-
No cash rent .....	...	...	...	...	516	392	69	30	9	-	16	-
Median .....	...	...	...	...	\$72	\$77	\$64	\$82	\$59	\$72	\$95	...
HEATING EQUIPMENT												
Steam or hot water	133	128	5	-	606	32	34	18	53	70	399	-
Warm-air furnace	7 645	7 383	134	128	2 079	624	235	430	234	214	323	19
Built-in electric units	202	193	5	4	680	88	-	112	158	46	24	-
Floor, wall, or pipeless furnace	6 612	6 421	179	12	2 496	1 380	757	200	104	20	35	-
Other means	6 008	5 560	391	57	11 837	4 999	4 120	1 156	1 238	266	46	12
None	23	23	-	-	38	10	16	8	4	-	-	-
AIR CONDITIONING												
Room unit(s)	11 568	11 032	408	128	4 317	2 045	1 113	604	223	110	192	30
Central system	3 316	3 258	30	28	1 283	120	68	243	272	175	401	4
None	5 739	5 435	265	39	12 136	4 949	4 162	1 162	1 288	283	292	-
AUTOMOBILES AVAILABLE												
1	7 736	7 305	327	104	7 425	2 992	2 178	1 033	594	222	391	15
2	8 660	8 521	101	38	2 972	1 535	602	310	253	93	160	19
3 or more	1 979	1 930	44	5	346	226	31	31	29	-	29	-
None	2 248	1 969	231	48	6 993	2 361	2 532	635	907	253	305	-

¹Excludes one-family homes on 10 acres or more.

Table B-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Macon	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	20 623	391	2 269	3 663	6 724	1 917	456	173	1 656	641	1 320	1 413
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	20 281	391	2 269	3 663	6 666	1 883	441	168	1 599	603	1 270	1 328
0.50 or less	11 579	199	542	841	4 157	1 509	250	96	909	478	1 270	1 328
0.51 to 1.00	7 626	169	1 520	2 430	2 257	343	165	72	551	119	-	-
1.01 to 1.50	844	23	173	338	180	20	15	-	95	-	-	-
1.51 or more	232	-	34	54	72	11	11	-	44	6	-	-
Lacking some or all plumbing facilities	342	-	-	-	58	34	15	5	57	38	50	85
0.50 or less	190	-	-	-	14	7	5	5	18	6	50	85
0.51 to 1.00	89	-	-	-	11	27	5	-	28	18	-	-
1.01 to 1.50	42	-	-	-	17	-	5	-	6	14	-	-
1.51 or more	21	-	-	-	16	-	-	-	5	-	-	-
UNITS IN STRUCTURE												
1	19 708	367	2 230	3 639	6 570	1 815	430	169	1 583	580	1 158	1 167
2 or more	714	5	10	15	121	102	21	4	49	53	118	216
Mobile home or trailer	201	19	29	9	33	-	5	-	24	8	44	30
INCOME IN 1969												
Less than \$2,000	2 058	6	5	19	186	271	35	31	247	111	357	790
\$2,000 to \$2,999	1 069	-	5	42	112	234	31	20	174	67	123	261
\$3,000 to \$3,999	1 092	5	15	48	197	231	30	19	200	101	123	123
\$4,000 to \$4,999	1 027	19	28	51	258	178	40	10	146	74	156	67
\$5,000 to \$5,999	1 143	25	87	109	335	127	27	31	148	69	155	30
\$6,000 to \$6,999	1 147	40	111	154	349	118	33	10	140	18	114	60
\$7,000 to \$9,999	3 658	149	656	747	1 163	343	51	19	281	76	125	48
\$10,000 to \$14,999	5 095	131	939	1 307	1 911	225	116	21	216	87	122	20
\$15,000 to \$24,999	3 258	16	376	940	1 597	110	67	6	80	22	30	14
\$25,000 or more	1 076	-	47	246	616	80	26	6	24	16	15	-
Median	\$9 300	\$9 000	\$11 200	\$12 500	\$12 000	\$5 400	\$8 900	\$5 200	\$5 400	\$4 600	\$4 400	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied ¹	19 474	367	2 220	3 610	6 474	1 793	430	169	1 549	572	1 134	1 156
Less than 1.5	8 996	183	1 207	2 249	3 718	481	166	60	482	187	224	39
1.5 to 1.9	3 518	87	552	674	1 273	282	127	21	195	99	168	40
2.0 to 2.4	1 898	60	260	358	566	219	27	23	166	57	125	37
2.5 to 2.9	1 093	15	99	103	343	125	38	-	161	36	95	78
3.0 to 3.9	1 277	11	79	133	275	192	31	26	197	71	114	148
4.0 or more	2 510	5	23	93	257	470	36	39	320	122	372	773
Not computed	182	6	-	-	42	24	5	-	28	-	36	41
Renter occupied housing units	17 736	1 561	2 762	1 580	2 375	787	617	106	3 319	521	2 569	1 535
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	15 752	1 511	2 657	1 464	2 101	706	525	69	2 920	430	2 144	1 225
0.50 or less	6 328	333	474	143	759	333	239	35	661	230	1 966	1 155
0.51 to 1.00	6 609	1 039	1 542	740	909	288	207	34	1 441	161	1 78	70
1.01 to 1.50	1 715	91	489	373	236	53	35	-	423	15	-	-
1.51 or more	1 100	48	152	208	197	32	44	-	395	24	-	-
Lacking some or all plumbing facilities	1 984	50	105	116	274	81	92	37	403	91	425	310
0.50 or less	654	-	-	-	10	-	6	-	21	17	331	269
0.51 to 1.00	784	29	10	26	160	66	50	37	197	74	94	41
1.01 to 1.50	229	17	33	18	41	5	20	-	95	-	-	-
1.51 or more	317	4	62	72	63	10	16	-	90	-	-	-
UNITS IN STRUCTURE												
1	7 133	514	1 256	931	1 386	366	242	55	1 142	182	667	392
2 to 4	7 338	778	1 152	541	714	299	237	47	1 626	228	1 037	679
5 to 19	2 407	174	274	93	220	116	104	-	504	101	546	275
20 or more	827	80	76	9	55	6	34	4	51	10	313	189
Mobile home or trailer	31	15	4	6	-	-	-	-	-	-	6	-
GROSS RENT												
Specified renter occupied ²	17 663	1 561	2 753	1 571	2 345	787	617	106	3 319	516	2 558	1 530
Less than \$50	3 573	76	153	115	360	224	135	40	813	187	795	675
\$50 to \$59	2 344	127	236	186	301	112	89	30	582	94	332	255
\$60 to \$69	2 329	161	354	198	385	132	48	8	546	55	291	151
\$70 to \$79	1 858	154	270	179	309	148	65	11	270	43	251	112
\$80 to \$99	3 307	527	690	369	408	61	107	12	558	36	395	144
\$100 to \$119	1 405	193	358	195	203	20	29	-	191	37	119	60
\$120 to \$149	1 173	210	290	139	146	28	55	-	115	22	150	18
\$150 to \$199	1 007	92	345	93	119	21	55	5	122	17	125	13
\$200 to \$299	135	-	31	49	29	5	-	-	-	5	16	-
\$300 or more	16	-	-	-	5	-	-	-	-	-	-	11
No cash rent	516	21	26	48	80	36	34	-	76	20	84	91
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	17 663	1 561	2 753	1 571	2 345	787	617	106	3 319	516	2 558	1 530
Less than \$5,000	9 493	472	627	416	929	621	314	96	2 506	430	1 692	1 390
Less than 20 percent	1 761	141	207	131	266	87	74	33	411	58	272	81
20 to 24 percent	1 219	58	119	98	129	145	27	6	320	30	221	66
25 to 34 percent	1 866	118	125	100	224	131	65	14	584	84	241	180
35 percent or more	4 078	155	156	82	301	216	121	43	1 009	233	810	952
Not computed	569	-	20	5	9	42	27	-	182	25	148	111
\$5,000 to \$9,999	5 432	912	1 241	671	809	98	219	10	646	57	663	106
Less than 20 percent	4 092	670	940	504	691	84	147	10	448	43	487	68
20 to 24 percent	722	152	172	97	67	8	39	-	87	-	83	17
25 to 34 percent	356	65	95	29	5	6	18	-	62	7	53	16
35 percent or more	89	4	17	6	10	-	-	-	29	-	18	5
Not computed	173	21	17	35	36	-	15	-	20	7	22	-
\$10,000 to \$14,999	2 183	163	765	360	433	58	75	-	122	12	161	34
Less than 20 percent	2 073	158	730	338	403	58	75	-	118	12	157	24
20 to 24 percent	41	5	31	5	-	-	-	-	-	-	-	-
25 percent or more	10	-	-	4	-	-	-	-	-	-	-	6
Not computed	59	-	4	13	30	-	-	-	4	-	4	4
\$15,000 or more	555	14	120	124	174	10	9	-	45	17	42	-
Less than 20 percent	545	14	120	124	164	10	9	-	45	17	42	-
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	10	-	-	-	10	-	-	-	-	-	-	-

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B-8. Persons in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Macon	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	20 623	2 733	6 361	3 970	3 712	2 121	935	501	290	2.8
BEDROOMS										
None and 1	684	404	163	57	34	26	-	-	-	1.3
2	6 953	1 505	3 298	1 217	635	183	60	37	18	2.1
3	10 900	749	2 587	2 261	2 728	1 536	506	358	175	3.4
4 or more	2 141	138	382	314	343	384	228	230	122	4.2
YEAR STRUCTURE BUILT										
1969 to March 1970	298	25	59	94	65	17	19	6	13	3.2
1965 to 1968	1 596	90	285	345	494	210	112	38	22	3.7
1960 to 1964	2 802	122	548	626	769	437	162	112	26	3.6
1950 to 1959	7 322	574	2 116	1 580	1 505	942	362	152	91	3.1
1940 to 1949	3 476	565	1 325	654	441	219	126	84	62	2.4
1939 or earlier	5 129	1 357	2 028	671	438	296	154	109	76	2.1
UNITS IN STRUCTURE										
1	19 708	2 325	6 071	3 872	3 629	2 090	930	501	290	2.9
2 or more	714	334	234	66	44	31	5	-	-	1.6
Mobile home or trailer	201	74	56	32	39	-	-	-	-	2.0
COMPLETE BATHROOMS										
1 and 1 1/2	14 641	2 040	4 683	2 747	2 538	1 416	671	324	222	2.7
2 and 2 1/2	4 662	329	1 359	1 080	1 054	519	216	73	32	3.1
3 or more	848	85	214	174	101	168	66	28	12	3.2
None or also used by another household	472	212	90	62	28	15	33	17	15	1.8
HOUSEHOLD COMPOSITION										
Two-or-more-person households	17 890	...	6 361	3 970	3 712	2 121	935	501	290	3.2
Male head, wife present, no nonrelatives	14 964	...	4 993	3 218	3 378	1 883	840	419	233	3.3
Under 25 years	391	...	145	147	70	13	-	11	5	2.8
25 to 34 years	2 269	...	215	518	855	413	130	78	60	4.0
35 to 44 years	3 663	...	314	604	1 179	858	436	200	72	4.3
45 to 64 years	6 724	...	2 910	1 670	1 146	545	243	119	91	2.8
65 years and over	1 917	...	1 409	279	128	54	31	11	5	2.2
Other male head	629	...	273	172	77	63	4	26	14	2.7
Under 65 years	456	...	188	123	53	52	-	26	14	2.8
65 years and over	173	...	85	49	24	11	4	-	-	2.5
Female head	2 297	...	1 095	580	257	175	91	56	43	2.6
Under 65 years	1 656	...	708	434	211	139	85	36	43	2.8
65 years and over	641	...	387	146	46	36	6	20	-	2.3
One-person households	2 733	2 733	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied ¹	19 474	2 290	5 996	3 809	3 603	2 073	918	501	284	2.9
Less than 1.5	8 996	263	2 524	2 032	2 073	1 089	574	275	166	3.3
1.5 to 1.9	3 518	208	1 072	665	812	483	141	94	43	3.2
2.0 to 2.4	1 898	162	664	413	295	183	98	48	35	2.8
2.5 to 2.9	1 093	173	349	220	165	111	33	25	17	2.6
3.0 to 3.9	1 277	262	466	218	128	122	42	35	4	2.3
4.0 or more	2 510	1 145	861	245	124	76	22	18	19	1.6
Not computed	182	77	60	16	6	9	8	6	-	1.7
Renter occupied housing units	17 736	4 104	4 715	3 039	2 241	1 471	915	701	550	2.5
BEDROOMS										
None	354	288	40	-	-	26	-	-	-	...
1	5 278	2 433	1 557	617	236	181	151	42	61	1.6
2	8 715	1 145	2 500	2 328	1 334	703	299	258	148	2.8
3 or more	3 313	102	399	368	738	520	403	310	473	4.6
YEAR STRUCTURE BUILT										
1969 to March 1970	515	61	122	178	87	37	16	11	3	2.9
1965 to 1968	1 819	259	543	393	285	155	107	52	25	2.8
1960 to 1964	1 721	226	373	345	252	251	109	99	66	3.3
1950 to 1959	2 930	457	704	574	561	232	222	95	85	3.0
1940 to 1949	3 242	820	910	523	354	273	100	135	127	2.4
1939 or earlier	7 509	2 281	2 063	1 026	702	523	361	309	244	2.2
UNITS IN STRUCTURE										
1	7 133	1 059	1 781	1 263	1 026	634	470	336	364	3.1
2	5 274	1 210	1 481	905	683	392	258	222	123	2.5
3 and 4	2 064	506	584	390	261	91	117	78	37	2.4
5 to 9	1 791	609	482	239	212	127	54	47	21	2.1
10 to 19	616	212	202	140	29	15	6	12	-	2.0
20 or more	827	502	180	98	18	12	6	6	5	1.3
Mobile home or trailer	31	6	5	4	12	-	4	-	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	14 743	3 265	3 889	2 540	1 965	1 262	787	636	399	2.6
2 or more	824	89	232	170	106	98	71	38	20	3.0
None or also used by another household	2 169	799	616	251	134	105	93	72	99	2.0
HOUSEHOLD COMPOSITION										
Two-or-more-person households	13 632	...	4 715	3 039	2 241	1 471	915	701	550	3.2
Male head, wife present, no nonrelatives	9 065	...	2 874	2 026	1 617	1 010	669	485	384	3.3
Under 25 years	1 561	...	621	607	210	74	27	9	13	2.8
25 to 34 years	2 762	...	550	640	730	438	231	115	58	3.8
35 to 44 years	1 580	...	158	191	332	240	273	216	170	5.0
45 to 64 years	2 375	...	1 022	461	302	210	120	125	135	2.9
65 years and over	787	...	523	127	43	48	18	20	8	2.3
Other male head	723	...	434	129	53	46	17	22	22	2.3
Under 65 years	617	...	354	108	53	41	17	22	22	2.4
65 years and over	106	...	80	21	-	5	-	-	-	2.2
Female head	3 844	...	1 407	884	571	415	229	194	144	3.1
Under 65 years	3 323	...	1 007	824	537	391	229	191	144	3.3
65 years and over	521	...	400	60	34	24	-	3	-	2.2
One-person households	4 104	4 104	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	17 663	4 088	4 701	3 012	2 234	1 467	910	701	550	2.5
Less than 10 percent	1 910	218	469	409	284	222	122	121	65	3.2
10 to 14 percent	3 419	458	861	701	523	355	238	145	138	3.1
15 to 19 percent	3 142	455	881	616	495	263	212	102	118	2.9
20 to 24 percent	1 982	387	503	350	292	219	98	81	52	2.8
25 to 34 percent	2 232	496	655	375	245	183	106	97	75	2.4
35 percent or more	4 167	1 785	1 078	463	325	191	110	141	74	2.0
Not computed	811	289	254	98	70	34	24	14	28	2.0

¹Limited to one-family homes on less than 10 acres and no business on property. ²Excludes one-family homes on 10 acres or more.

Table B-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Macon					Macon				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	316	136	99	81	Vacant for rent	1 891	1 068	529	294
ROOMS					ROOMS				
1 to 3 rooms	9	5	—	4	1 room	95	67	21	7
4 rooms	39	13	17	9	2 rooms	185	75	60	50
5 rooms	92	74	4	14	3 rooms	615	348	174	93
6 rooms	109	41	38	30	4 rooms	680	388	198	94
7 rooms or more	67	3	40	24	5 rooms	187	121	48	18
					6 rooms	89	52	20	17
					7 rooms or more	40	17	8	15
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	307	136	99	72	With all plumbing facilities	1 567	918	420	229
Lacking some or all plumbing facilities	9	—	—	9	Lacking some or all plumbing facilities	324	150	109	65
BEDROOMS					BEDROOMS				
None and 1	22	22	—	—	None	64	42	22	—
2	91	45	—	46	1	877	459	231	187
3	163	75	43	45	2	668	436	148	84
4 or more	72	—	47	25	3 or more	189	126	41	22
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	87	54	14	19	1969 to March 1970	190	111	75	4
1960 to 1968	50	35	10	5	1960 to 1968	242	150	81	11
1950 to 1959	67	22	30	15	1950 to 1959	307	206	71	30
1949 or earlier	112	25	45	42	1949 or earlier	1 152	601	302	249
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	307	127	99	81	1	551	323	134	94
2 or more	9	9	—	—	2 to 4	818	418	282	118
					5 to 9	235	145	58	32
					10 to 19	145	83	28	34
					20 or more	142	99	27	16
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	—	—	—	—	Specified vacant for rent²	1 873	1 056	526	291
Warm-air furnace	148	69	43	36	Less than \$50	792	419	237	136
Built-in electric units	—	—	—	—	\$50 to \$59	287	132	83	72
Floor, wall, or pipeless furnace	67	34	26	7	\$60 to \$79	375	222	94	59
Other means	101	33	30	38	\$80 to \$99	200	139	42	19
None	—	—	—	—	\$100 to \$119	35	27	3	5
					\$120 to \$149	98	41	57	—
					\$150 to \$199	83	73	10	—
					\$200 or more	3	3	—	—
SALES PRICE ASKED					Median rent asked	\$55	\$58	\$53	\$51
Specified vacant for sale¹	304	127	99	78					
Less than \$5,000	7	—	3	4					
\$5,000 to \$9,999	65	32	21	12					
\$10,000 to \$14,999	72	40	15	17					
\$15,000 to \$19,999	85	39	37	9					
\$20,000 to \$24,999	32	10	3	19					
\$25,000 to \$34,999	30	3	15	12					
\$35,000 to \$49,999	10	—	5	5					
\$50,000 or more	3	—	—	—					
Median price asked	\$15 500	\$13 900	...	...			

¹Limited to one-family homes on less than 10 acres and no business on property. ²Excludes one-family homes on 10 acres or more.

Table B-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

Macon	Sales price asked - Vacant for sale ¹						Rent asked - Vacant for rent ²							
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199 or more		
Total	304	72	72	85	32	30	13	1 873	1 079	375	200	133	83	3
PLUMBING FACILITIES														
With all plumbing facilities	326	45	93	71	47	70	—	1 505	734	332	167	187	85	—
Lacking some or all plumbing facilities	—	—	—	—	—	—	—	273	273	—	—	—	—	—
BEDROOMS														
None and 1	—	—	—	—	—	—	—	941	712	124	41	42	22	—
2	91	45	46	—	—	—	—	648	211	146	83	145	63	—
3	163	—	47	71	25	20	—	167	62	62	43	—	—	—
4 or more	72	—	—	—	22	50	—	22	22	—	—	—	—	—
YEAR STRUCTURE BUILT														
1969 to March 1970	87	—	14	38	12	20	3	190	14	46	24	46	60	—
1960 to 1968	50	9	11	5	10	5	10	242	91	70	27	38	16	—
1950 to 1959	59	13	11	20	10	5	—	299	183	55	36	25	—	—
1949 or earlier	108	50	36	22	—	—	—	1 142	791	204	113	24	7	3
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	533	347	117	49	16	4	—
2 to 4 .....	...	...	...	...	...	...	...	818	461	217	116	21	—	3
5 to 19 .....	...	...	...	...	...	...	...	380	218	34	26	78	24	—
20 or more .....	...	...	...	...	...	...	...	142	53	7	9	18	55	—
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	377	248	51	55	18	5	—
Some or no utilities included .....	...	...	...	...	...	...	...	1 496	831	324	145	115	78	3

¹Limited to one-family homes on less than 10 acres and no business on property. ²Excludes one-family homes on 10 acres or more.

Table B-11. Value of Owner Occupied Housing Units With Negro Head of Household: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Macon	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	3 987	489	969	732	669	393	492	150	51	36	6	9 300
ROOMS												
1 and 2 rooms	16	11	5	—	—	—	—	—	—	—	—	—
3 rooms	243	87	70	45	15	10	16	—	—	—	—	6 200
4 rooms	881	143	358	183	101	41	44	11	—	—	—	7 100
5 rooms	1 152	132	273	238	213	137	130	22	7	—	—	9 300
6 rooms	1 019	95	192	199	174	131	134	67	9	12	6	10 300
7 rooms	475	12	55	48	86	51	138	46	20	19	—	14 300
8 rooms or more	201	9	16	19	80	23	30	4	15	5	—	11 800
Median	5.2	4.5	4.7	5.1	5.5	5.6	5.9	6.1	...	...	...	...
PERSONS												
1 person	726	116	248	113	95	46	64	20	10	14	—	7 500
2 persons	1 042	119	270	218	139	78	156	38	11	7	6	9 000
3 persons	675	88	118	133	113	90	91	28	5	9	—	10 000
4 persons	462	36	96	68	83	57	72	38	12	3	—	10 900
5 persons	331	21	77	72	64	58	27	9	3	—	—	9 800
6 persons or more	751	109	160	128	175	64	82	17	10	6	—	9 600
Median	2.8	2.6	2.4	2.8	3.4	3.3	2.8	3.1	...	...	...	...
Units with roomers, boarders, or lodgers	209	36	49	46	34	14	24	6	—	—	—	8 600
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	3 713	369	871	710	646	386	488	150	51	36	6	9 700
0.50 or less	1 926	168	485	368	295	186	267	86	35	30	6	9 600
0.51 to 1.00	1 194	114	244	237	217	151	156	59	10	6	—	10 000
1.01 to 1.50	401	47	87	65	112	42	37	5	6	—	—	10 000
1.51 or more	192	40	55	40	22	7	28	—	—	—	—	7 600
Lacking some or all plumbing facilities	274	120	98	22	23	7	4	—	—	—	—	5 400
0.50 or less	147	56	62	16	5	4	4	—	—	—	—	5 700
0.51 to 1.00	69	35	16	—	18	—	—	—	—	—	—	...
1.01 to 1.50	42	20	13	6	—	3	—	—	—	—	—	...
1.51 or more	16	9	7	—	—	—	—	—	—	—	—	...
BEDROOMS												
None and 1	316	137	84	14	42	39	—	—	—	—	—	...
2	1 614	229	463	398	191	138	151	44	—	—	—	8 200
3	1 725	140	285	276	289	313	314	70	38	—	—	11 400
4 or more	387	32	16	74	115	37	77	20	16	—	—	...
YEAR STRUCTURE BUILT												
1969 to March 1970	55	—	4	—	—	14	23	10	—	4	—	...
1965 to 1968	333	—	31	52	66	39	86	37	20	—	—	13 600
1960 to 1964	386	19	49	72	76	78	45	26	9	12	—	11 700
1950 to 1959	950	124	192	222	139	88	133	28	13	11	—	9 300
1940 to 1949	696	116	209	123	88	45	93	13	9	—	—	8 000
1939 or earlier	1 567	230	484	263	300	129	110	36	—	9	6	8 200
COMPLETE BATHROOMS												
1 and 1 1/2	3 312	311	864	663	595	312	410	109	12	29	7	9 300
2 and 2 1/2	254	19	6	19	47	21	49	40	31	22	—	16 100
3 or more	55	5	—	11	13	—	14	6	—	—	—	...
None or also used by another household	306	122	122	20	14	8	12	8	—	—	—	5 600
HOUSEHOLD COMPOSITION												
Two-or-more-person households	3 261	373	721	619	574	347	428	130	41	22	6	9 700
Male head, wife present, no nonrelatives	2 169	190	445	433	427	230	307	73	41	17	6	10 100
Under 25 years	31	5	5	5	—	—	11	5	—	—	—	...
25 to 34 years	243	6	17	92	56	36	25	11	—	—	—	10 300
35 to 44 years	461	32	77	80	98	47	83	31	—	—	—	11 100
45 to 64 years	1 058	92	269	194	190	128	114	26	32	13	—	9 700
65 years and over	376	55	77	62	83	19	74	—	—	—	6	9 800
Other male head	179	30	36	28	25	9	33	12	—	—	—	9 600
Under 65 years	111	19	31	13	6	9	33	—	—	—	—	8 600
65 years and over	68	11	5	19	6	—	—	—	—	—	—	...
Female head	913	153	240	158	122	102	88	45	—	5	—	8 500
Under 65 years	683	121	168	114	101	82	58	34	—	5	—	8 700
65 years and over	230	32	72	44	21	20	30	11	—	—	—	8 100
One-person households	726	116	248	113	95	46	64	20	10	14	—	7 500
Under 65 years	376	47	143	58	58	24	15	10	10	10	—	7 500
65 years and over	350	69	105	55	37	22	49	9	—	4	—	7 500
INCOME IN 1969												
Less than \$2,000	865	182	280	144	99	55	64	11	10	14	6	7 200
\$2,000 to \$2,999	424	69	146	71	85	15	28	10	—	—	—	7 400
\$3,000 to \$3,999	401	64	126	65	67	34	25	17	3	—	—	7 900
\$4,000 to \$4,999	337	21	79	99	56	25	46	—	—	—	—	9 200
\$5,000 to \$5,999	348	43	93	51	45	25	60	25	6	—	—	9 400
\$6,000 to \$6,999	319	8	101	72	70	35	33	—	—	—	—	9 300
\$7,000 to \$9,999	635	62	103	112	120	111	90	22	4	11	—	10 800
\$10,000 to \$14,999	453	37	41	91	96	52	93	25	18	—	—	11 500
\$15,000 to \$24,999	187	3	—	27	31	36	47	29	10	4	—	14 800
\$25,000 or more	18	—	—	—	—	5	6	—	—	7	—	...
Median	\$4 900	\$2 900	\$3 500	\$4 900	\$5 600	\$7 200	\$6 700	\$7 100	...	...	...	...
YEAR MOVED INTO UNIT												
1969 to March 1970	276	7	29	19	79	90	35	12	—	5	—	12 600
1968	231	19	44	55	55	29	8	21	—	—	—	9 900
1967	240	11	15	46	70	27	56	15	—	—	—	11 700
1965 and 1966	355	22	54	105	83	20	49	15	7	—	—	9 900
1960 to 1964	568	61	151	59	104	51	74	35	11	22	—	10 300
1950 to 1959	1 118	119	311	243	189	65	136	28	10	17	—	8 800
1949 or earlier	1 139	218	388	186	89	88	106	50	—	7	7	7 300
HEATING EQUIPMENT												
Steam or hot water	—	—	—	—	—	—	—	—	—	—	—	—
Warm-air furnace	507	6	18	31	88	43	160	88	38	15	—	16 200
Built-in electric units	91	—	7	12	27	—	6	—	—	5	—	...
Floor, wall, or pipeless furnace	353	3	42	65	59	117	61	6	—	—	—	12 700
Other means	3 019	470	902	624	495	189	254	50	13	16	6	8 100
None	17	10	—	—	—	—	7	—	—	—	—	...
AIR CONDITIONING												
Room unit(s)	1 013	69	171	169	213	145	162	47	5	32	—	11 100
Central system	224	—	7	17	20	24	55	45	44	12	—	19 000
None	2 690	388	814	527	436	172	268	71	—	7	—	8 200

¹Limited to one-family homes on less than 10 acres and no business on property.

Table B-12. Gross Rent of Renter Occupied Housing Units With Negro Head of Household: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Macon	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	8 387	2 520	1 771	1 500	927	1 135	239	111	15	5	-	164	59
ROOMS													
1 room	81	60	5	11	-	-	-	-	-	-	-	5	...
2 rooms	780	625	86	37	22	-	-	6	-	-	-	4	50--
3 rooms	3 189	1 178	1 162	546	124	130	24	-	-	-	-	25	53
4 rooms	2 980	452	354	678	541	736	126	31	7	5	-	50	70
5 rooms	924	172	132	177	172	167	42	28	4	-	-	32	68
6 rooms	306	26	32	41	57	81	27	10	4	-	-	5	77
7 rooms	66	7	-	5	6	21	9	13	-	-	-	5	...
8 rooms or more	59	-	-	5	5	-	11	23	-	-	-	15	...
Median	3.5	3.0	3.2	3.7	4.1	4.1	4.3	5.2	...	...	...	4.5	...
PERSONS													
1 person	1 648	924	335	141	103	69	9	10	-	5	-	52	50--
2 persons	1 925	691	409	335	179	225	23	9	7	-	-	47	36
3 persons	1 261	323	299	241	105	203	50	9	-	-	-	31	60
4 persons	1 160	264	221	224	181	196	51	13	-	-	-	10	64
5 persons	826	119	176	216	111	166	28	6	4	-	-	10	65
6 persons or more	1 567	199	331	343	248	276	78	64	4	-	-	24	67
Median	3.0	2.0	3.0	3.6	3.9	3.9	4.2	6.2	...	...	...	2.1	...
Units with roomers, boarders, or lodgers	402	149	63	63	31	60	14	13	-	-	-	9	58
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	6 660	1 414	1 379	1 384	894	1 097	239	105	15	5	-	128	43
0.50 or less	1 907	619	337	287	239	260	38	17	7	5	-	98	58
0.51 to 1.00	2 640	551	559	552	315	492	101	41	4	-	-	25	64
1.01 to 1.50	1 119	121	232	256	207	215	57	27	4	-	-	-	48
1.51 or more	994	123	251	289	133	130	43	20	-	-	-	5	64
Lacking same or all plumbing facilities	1 727	1 106	392	116	33	38	-	6	-	-	-	36	30--
0.50 or less	560	416	92	20	10	4	-	6	-	-	-	12	50--
0.51 to 1.00	650	440	144	39	6	10	-	-	-	-	-	11	50--
1.01 to 1.50	222	132	46	21	6	17	-	-	-	-	-	-	50--
1.51 or more	295	118	110	36	11	7	-	-	-	-	-	13	52
BEDROOMS													
None	101	56	-	19	-	26	-	-	-	-	-	-	...
1	2 873	1 346	856	492	108	55	-	-	-	-	-	16	51
2	4 285	909	818	925	638	756	183	-	-	17	-	39	64
3 or more	1 219	187	120	276	192	214	130	41	22	-	-	37	70
YEAR STRUCTURE BUILT													
1969 to March 1970	227	80	22	5	11	43	50	-	11	5	-	-	76
1965 to 1968	923	119	98	95	80	430	61	29	-	-	-	11	83
1960 to 1964	988	175	189	261	232	105	21	-	-	-	-	5	65
1950 to 1959	1 153	128	260	314	209	183	35	11	-	-	-	13	66
1940 to 1949	1 544	609	359	244	117	139	23	11	-	-	-	42	54
1939 or earlier	3 552	1 409	843	581	278	235	49	60	4	-	-	93	54
ELEVATOR IN STRUCTURE													
4 floors or more	20	-	20	-	-	-	-	-	-	-	-	-	...
With elevator	-	-	-	-	-	-	-	-	-	-	-	-	...
Walk-up	20	-	20	-	-	-	-	-	-	-	-	-	...
1 to 3 floors	8 458	2 498	1 774	1 712	938	1 051	313	41	22	17	-	92	59
COMPLETE BATHROOMS													
1 and 1/2	6 526	1 423	1 365	1 294	873	1 121	190	91	16	-	-	153	63
2 or more	52	17	-	-	-	-	13	22	-	-	-	-	...
None or also used by another household	1 844	1 135	426	140	39	39	9	21	-	-	-	35	50--
INCOME IN 1969													
Less than \$2,000	2 647	1 364	541	355	176	120	20	14	-	-	-	57	50--
\$2,000 to \$2,999	1 367	437	335	266	158	106	9	27	-	-	-	29	57
\$3,000 to \$3,999	1 082	273	337	169	77	152	34	19	-	-	-	21	58
\$4,000 to \$4,999	835	197	196	191	120	97	16	12	-	-	-	6	61
\$5,000 to \$5,999	613	77	95	139	128	153	16	16	-	-	-	5	69
\$6,000 to \$6,999	504	50	78	128	55	152	11	13	11	-	-	6	69
\$7,000 to \$9,999	792	86	97	155	101	223	78	22	4	-	-	26	74
10,000 to \$14,999	490	36	74	80	104	132	55	-	-	-	-	9	75
\$5,000 to \$24,999	53	-	18	13	8	-	-	4	-	5	-	5	...
5,000 or more	4	-	-	4	-	-	-	-	-	-	-	-	...
Median	\$3 200	\$2000-	\$3 000	\$3 800	\$4 400	\$5 600	\$7 500	\$3 800	...	...	...	\$2 900	...
YEAR MOVED INTO UNIT													
1969 to March 1970	2 281	717	336	392	216	438	123	29	10	-	-	20	62
1968	1 094	227	213	181	168	207	61	31	-	-	-	6	66
1967	935	203	156	214	139	196	9	9	-	-	-	9	65
1965 and 1966	1 153	295	250	226	162	179	5	20	-	-	-	16	61
1960 to 1964	1 383	485	397	193	147	89	14	17	6	-	-	35	55
1950 to 1959	879	326	287	121	53	22	-	28	-	-	-	42	53
1949 or earlier	697	322	152	107	27	29	-	-	-	-	-	60	50
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	762	235	179	166	118	64	-	-	-	-	-	...	58
10 to 14 percent	1 346	337	241	299	114	271	75	4	-	5	-	...	63
15 to 19 percent	1 433	388	329	232	184	227	63	10	-	-	-	...	60
20 to 24 percent	899	225	247	155	116	134	10	12	-	-	-	...	59
25 to 34 percent	1 182	352	259	220	127	168	28	13	15	-	-	...	59
35 percent or more	2 448	937	483	395	246	256	63	68	-	-	-	...	56
Not computed	317	46	33	33	22	15	-	4	-	-	-	164	59
AIR CONDITIONING													
Room unit(s)	779	57	82	105	120	305	52	37	-	-	-	21	81
Central system	-	-	-	-	-	-	-	-	-	-	-	-	-
None	7 643	2 518	1 709	1 329	792	855	160	97	16	-	-	167	57

¹Excludes one-family homes on 10 acres or more.

Table B-13. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

Macon	Total	Less than	\$2,000	\$3,000	\$4,000	\$5,000	\$6,000	\$7,000	\$10,000	\$15,000	\$25,000 or more	Median (dollars)
		\$2,000	to \$2,999	to \$3,999	to \$4,999	to \$5,999	to \$6,999	to \$9,999	to \$14,999	to \$24,999		
Owner occupied housing units	4 148	933	431	437	349	362	319	645	467	187	18	4 800
ROOMS												
1 and 2 rooms	32	22	—	5	—	—	—	5	—	—	—	...
3 rooms	247	102	35	48	—	29	5	21	—	7	—	2 600
4 rooms	942	317	134	88	83	90	59	95	76	—	—	3 200
5 rooms	1 187	221	124	157	110	110	100	211	130	24	—	4 800
6 rooms	1 048	172	95	112	91	82	87	187	158	57	7	5 700
7 rooms or more	692	99	43	27	65	51	68	126	103	99	11	6 900
PERSONS												
1 person	758	485	112	44	51	40	5	18	3	—	—	2000—
2 persons	1 110	249	152	166	84	87	83	133	98	51	7	3 900
3 and 4 persons	1 170	137	62	112	110	142	123	234	180	70	—	6 200
5 persons	348	27	39	46	38	44	21	62	43	23	5	5 500
6 persons or more	762	35	66	69	66	49	87	198	143	43	6	7 100
Units with roomers, boarders, or lodgers	223	106	37	20	13	9	14	16	—	8	—	2 100
BEDROOMS												
Less than 3	1 987	638	245	286	122	55	163	210	725	43	—	3 400
3	1 725	146	173	235	54	172	161	416	276	92	—	6 500
4 or more	405	82	—	85	20	16	—	37	86	61	18	6 000
YEAR STRUCTURE BUILT												
1969 to March 1970	55	4	—	—	—	5	5	28	9	4	—	...
1960 to 1968	746	82	56	54	56	54	168	147	66	7	—	7 300
1950 to 1959	968	163	99	106	116	96	69	158	110	51	—	5 000
1949 or earlier	2 379	684	276	277	177	205	191	291	201	66	11	3 800
YEAR MOVED INTO UNIT												
1969 to March 1970	295	35	22	23	24	19	40	88	39	5	—	6 600
1968	243	47	28	39	26	11	6	51	28	7	—	4 300
1960 to 1967	1 212	197	117	83	102	124	116	203	190	70	10	5 900
1959 or earlier	2 362	627	259	244	234	269	154	305	165	98	7	4 200
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	2 509	358	258	276	117	203	228	467	424	160	18	6 200
Clothes dryer	493	70	19	89	—	21	18	100	71	105	—	7 900
Dishwasher	101	36	19	—	—	—	—	20	—	26	—	—
Home food freezer	1 110	175	117	90	20	74	170	228	141	95	—	6 500
Owned second home	88	19	—	20	—	17	—	—	16	—	—	...
With air conditioning	1 288	99	66	79	93	161	130	318	194	131	17	7 200
Room unit(s)	1 064	84	66	73	93	135	120	283	135	65	10	6 700
Central system	224	15	—	6	—	26	10	35	59	66	7	11 700
Automobiles available:												
1	1 818	229	192	239	203	241	211	339	106	48	10	5 200
2	971	67	36	31	89	108	58	212	261	109	—	8 400
3 or more	169	21	18	15	9	12	—	37	27	23	7	7 800
Renter occupied housing units	8 424	2 657	1 367	1 089	844	613	508	799	490	53	4	3 200
ROOMS												
1 room	81	47	5	21	—	—	—	8	—	—	—	...
2 rooms	787	481	127	77	73	14	3	12	—	—	—	2000—
3 rooms	3 196	1 215	544	490	328	206	129	191	71	22	—	2 700
4 rooms	2 993	622	434	352	271	284	260	441	303	22	4	4 300
5 rooms	931	221	186	83	107	79	85	99	71	—	—	3 700
6 rooms or more	436	71	71	66	65	30	31	48	45	9	—	4 200
PERSONS												
1 person	1 658	1 191	206	95	32	51	37	27	14	5	—	2000—
2 persons	1 925	653	313	304	223	142	111	102	72	5	—	3 000
3 and 4 persons	2 444	513	432	364	264	175	152	322	208	10	4	3 800
5 persons	830	84	183	117	131	72	69	107	55	12	—	4 200
6 persons or more	1 567	216	233	209	194	173	139	241	141	21	—	4 600
Units with roomers, boarders, or lodgers	402	154	73	85	37	5	12	20	16	—	—	2 600
BEDROOMS												
None	101	45	—	56	—	—	—	—	—	—	—	...
1	2 899	1 207	577	318	400	116	123	86	36	36	—	2 400
2	4 285	1 146	611	593	413	372	271	545	317	17	—	3 700
3 or more	1 239	252	195	138	186	71	178	148	45	26	—	4 200
YEAR STRUCTURE BUILT												
1969 to March 1970	227	68	34	18	42	—	11	25	24	5	—	3 600
1960 to 1968	1 915	461	248	203	160	255	189	222	163	10	4	4 300
1950 to 1959	1 157	239	166	140	147	76	108	166	107	8	—	4 200
1949 or earlier	5 125	1 889	919	728	495	282	200	386	196	30	—	2 700
YEAR MOVED INTO UNIT												
1969 to March 1970	2 296	692	407	257	292	194	116	206	132	—	—	3 200
1968	1 102	251	198	192	65	106	95	122	66	7	—	3 500
1960 to 1967	3 477	1 078	469	418	373	275	206	367	255	30	6	3 500
1959 or earlier	1 576	682	301	206	94	73	54	102	58	6	—	2 400
GROSS RENT AS PERCENTAGE OF INCOME												
Specialized renter occupied ¹	8 387	2 647	1 367	1 082	835	613	504	792	490	53	4	3 200
Less than 15 percent	2 108	—	40	92	249	257	281	656	481	48	4	7 600
15 to 19 percent	1 433	36	165	372	342	187	94	—	—	—	—	4 400
20 to 24 percent	899	86	246	298	149	102	6	12	—	—	—	3 400
25 to 34 percent	1 182	284	587	194	77	12	24	4	—	—	—	2 500
35 percent or more	2 448	2 031	300	105	12	—	—	—	—	—	—	2000—
Not computed	317	210	29	21	6	5	6	26	9	5	—	2000—
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	2 947	717	483	309	368	152	296	406	190	26	—	3 900
Clothes dryer	57	19	—	20	—	—	—	18	—	—	—	...
Dishwasher	17	—	—	—	—	—	—	—	—	17	—	...
Home food freezer	917	174	66	110	150	72	107	138	100	—	—	4 700
Owned second home	17	—	—	—	—	—	—	—	—	17	—	...
With air conditioning	779	115	75	61	74	52	93	161	133	15	—	6 100
Room unit(s)	779	115	75	61	74	52	93	161	133	15	—	6 100
Central system	—	—	—	—	—	—	—	—	—	—	—	...
Automobiles available:												
1	2 857	453	409	367	369	301	266	373	291	22	6	4 500
2	566	35	27	50	45	43	85	160	109	12	—	7 000
3 or more	68	7	9	—	8	17	6	14	7	—	—	...

¹Excludes one-family homes on 10 acres or more.

Table B-14. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Macon	With all plumbing facilities					Lacking some or all plumbing facilities					
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	
Owner occupied housing units	4 148	3 869	2 029	1 236	401	203	279	147	74	42	18
PERSONS											
1 person	758	662	662	-	-	-	96	96	-	-	-
2 persons	1 110	1 048	1 001	47	-	-	62	37	25	-	-
3 persons	689	645	321	324	-	-	44	14	30	-	-
4 persons	481	466	35	421	10	-	15	-	7	8	-
5 persons	348	331	10	243	67	11	17	-	6	6	5
6 persons or more	762	717	-	201	324	192	45	-	6	26	11
Median	2.8	2.8	1.9	4.1	6.5	7.5+	2.2	1.3	...	...	...
Units with roomers, boarders, or lodgers	223	193	78	86	29	-	30	9	21	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	56	50	28	17	5	-	6	6	-	-	-
1965 to 1968	333	333	144	125	54	10	-	-	-	-	-
1960 to 1964	384	384	179	155	34	16	-	-	-	-	-
1950 to 1959	948	925	452	298	117	58	23	18	5	-	-
1940 to 1949	741	648	359	179	52	58	93	39	29	10	15
1939 or earlier	1 650	1 491	911	403	118	59	159	104	34	21	-
INCOME IN 1969											
Less than \$2,000	933	784	646	98	27	13	149	117	26	6	-
\$2,000 to \$2,999	431	389	258	69	59	3	42	10	16	11	5
\$3,000 to \$3,999	437	420	224	120	46	30	17	-	9	8	-
\$4,000 to \$4,999	349	332	155	124	43	10	17	11	6	-	-
\$5,000 to \$5,999	362	348	172	138	38	-	14	-	-	7	7
\$6,000 to \$6,999	319	293	108	137	39	9	26	9	7	10	-
\$7,000 to \$9,999	645	635	201	274	78	82	10	-	10	-	-
\$10,000 to \$14,999	467	463	168	186	59	50	4	-	-	-	4
\$15,000 to \$24,999	187	187	90	85	12	-	-	-	-	-	-
\$25,000 or more	18	18	7	5	-	6	-	-	-	-	-
Median	\$4 800	\$5 000	\$3 500	\$6 500	\$5 700	\$8 300	\$2000-	\$2000-	...	...	...
VALUE-INCOME RATIO											
Specified owner occupied ¹	3 987	3 713	1 926	1 194	401	192	274	147	69	42	18
Less than 1.5	1 388	1 314	485	550	144	135	74	10	26	22	16
1.5 to 1.9	620	603	251	247	85	20	17	5	7	5	-
2.0 to 2.4	381	350	174	109	51	16	31	16	6	9	-
2.5 to 2.9	215	204	99	73	29	3	11	6	5	-	-
3.0 to 3.9	405	372	212	85	67	8	33	24	9	-	-
4.0 or more	896	797	645	121	21	10	99	82	11	6	-
Not computed	82	73	60	9	4	-	9	4	5	-	-
HEATING EQUIPMENT											
Steam or hot water	-	-	-	-	-	-	-	-	-	-	-
Warm-air furnace	518	518	294	175	49	-	-	-	-	-	-
Built-in electric units	91	91	51	21	19	-	-	-	-	-	-
Floor, wall, or pipeless furnace	368	368	150	144	62	12	-	-	-	-	-
Other means	3 154	2 868	1 529	889	271	191	274	142	74	42	16
None	17	12	5	7	-	-	5	5	-	-	-
Renter occupied housing units	8 424	6 683	1 917	2 649	1 123	994	1 741	560	657	222	302
PERSONS											
1 person	1 658	1 104	1 090	14	-	-	554	509	45	-	-
2 persons	1 925	1 440	778	662	-	-	485	43	426	-	16
3 persons	1 277	1 040	34	979	27	-	237	8	162	67	-
4 persons	1 167	1 016	15	734	262	5	151	-	20	103	28
5 persons	830	754	-	189	314	251	76	-	-	25	51
6 persons or more	1 567	1 329	-	71	520	738	238	-	4	27	207
Median	3.0	3.3	1.4	3.2	5.4	6.9	2.2	1.1	2.2	3.9	6.5
Units with roomers, boarders, or lodgers	402	269	75	113	29	52	133	10	69	49	5
YEAR STRUCTURE BUILT											
1969 to March 1970	206	206	44	148	14	-	-	-	-	-	-
1965 to 1968	833	821	249	350	162	60	12	-	12	-	-
1960 to 1964	989	955	183	355	302	115	34	-	16	8	10
1950 to 1959	1 205	1 134	296	446	240	152	71	6	23	17	25
1940 to 1949	1 602	1 325	457	461	210	197	277	86	108	41	42
1939 or earlier	3 616	2 266	728	808	261	469	1 350	483	519	134	214
INCOME IN 1969											
Less than \$2,000	2 657	1 803	971	570	121	141	854	420	311	73	50
\$2,000 to \$2,999	1 367	1 074	268	437	172	197	293	77	135	40	41
\$3,000 to \$3,999	1 089	856	179	396	114	167	233	24	97	53	59
\$4,000 to \$4,999	844	690	96	294	194	106	154	25	27	28	74
\$5,000 to \$5,999	613	552	106	213	133	100	61	5	44	-	12
\$6,000 to \$6,999	508	461	112	187	69	93	47	-	14	17	16
\$7,000 to \$9,999	799	719	99	330	182	108	80	4	25	5	46
\$10,000 to \$14,999	490	471	76	204	121	70	19	5	4	6	4
\$15,000 to \$24,999	53	53	10	14	17	-	-	-	-	-	-
\$25,000 or more	4	4	-	4	-	-	-	-	-	-	-
Median	\$3 200	\$3 500	\$2 000	\$3 800	\$4 800	\$4 000	\$2 100	\$2000-	\$2 100	\$3 000	\$4 000
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	8 387	6 660	1 907	2 640	1 119	994	1 727	560	650	222	295
Less than 10 percent	762	631	84	250	146	131	131	18	39	25	49
10 to 14 percent	1 346	1 141	177	528	205	231	205	20	91	29	65
15 to 19 percent	1 433	1 181	267	496	265	153	252	40	113	50	49
20 to 24 percent	899	731	127	344	179	81	168	42	62	29	35
25 to 34 percent	1 182	951	282	367	126	176	231	93	89	22	27
35 percent or more	2 448	1 787	835	603	168	181	661	325	224	61	51
Not computed	317	238	135	52	10	41	79	22	32	6	19
HEATING EQUIPMENT											
Steam or hot water	16	16	-	5	4	7	-	-	-	-	-
Warm-air furnace	215	210	68	82	50	10	5	-	5	-	-
Built-in electric units	185	185	28	100	49	8	-	-	-	-	-
Floor, wall, or pipeless furnace	590	584	167	291	95	31	6	-	6	-	-
Other means	7 380	5 682	1 654	2 171	919	938	1 698	537	642	217	302
None	38	6	-	-	6	-	32	23	4	5	-

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B-15. Rooms in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.]

Macon	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	4 148	-	32	247	942	1 187	1 048	484	206	5.2
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	3 793	-	7	146	807	1 138	1 018	441	236	5.3
PERSONS										
1 person	758	-	16	97	246	195	107	74	23	4.6
2 persons	1 110	-	11	61	279	373	273	89	24	5.0
3 persons	689	-	-	49	123	182	205	94	36	5.4
4 persons	481	-	-	18	70	131	159	68	35	5.6
5 persons	348	-	5	11	73	94	78	34	53	5.4
6 persons or more	762	-	-	11	151	212	226	127	35	5.5
Median	2.8	-	...	1.9	2.3	2.6	3.2	3.4	4.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	3 869	-	16	187	846	1 136	997	481	204	5.3
0.50 or less	2 029	-	11	69	472	540	557	252	128	5.4
0.51 to 1.00	1 236	-	-	91	172	403	312	186	72	5.4
1.01 to 1.50	401	-	-	10	115	125	114	31	6	5.1
1.51 or more	203	-	5	17	87	68	14	12	-	4.4
Lacking some or all plumbing facilities	279	-	16	60	96	51	51	5	-	4.2
0.50 or less	147	-	5	28	53	28	28	5	-	4.3
0.51 to 1.00	74	-	11	19	21	4	19	-	-	...
1.01 to 1.50	42	-	-	8	22	12	-	-	-	...
1.51 or more	16	-	-	5	-	7	4	-	-	...
BEDROOMS										
None and 1	334	-	50	165	98	-	21	-	-	...
2	1 653	-	-	166	652	562	273	-	-	4.5
3	1 725	-	-	-	108	577	624	368	48	5.8
4 or more	405	-	-	-	-	18	92	150	145	7.1
YEAR STRUCTURE BUILT										
1969 to March 1970	55	-	-	-	4	17	23	11	-	...
1960 to 1968	746	-	-	6	101	278	240	80	41	5.5
1950 to 1959	968	-	-	45	270	293	181	124	55	5.1
1949 or earlier	2 379	-	32	196	567	599	604	271	110	5.2
COMPLETE BATHROOMS										
1 and 1 1/2	3 480	-	7	146	802	1 121	943	323	138	5.2
2 or more	320	-	-	-	12	17	75	118	98	7.0
None or also used by another household	312	-	15	52	127	47	57	14	-	4.2
VALUE-INCOME RATIO										
Specified owner occupied¹	3 987	-	16	243	881	1 152	1 019	475	201	5.2
Less than 1.5	1 388	-	-	68	290	389	391	153	97	5.4
1.5 to 1.9	620	-	-	11	117	236	139	77	40	5.3
2.0 to 2.9	596	-	6	65	114	145	170	77	19	5.3
3.0 or more	1 301	-	5	94	334	373	302	152	41	5.1
Not computed	82	-	5	5	26	9	17	16	4	...
Renter occupied housing units	8 424	81	787	3 196	2 993	931	311	66	59	3.5
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	6 545	15	223	2 334	2 769	783	296	64	61	3.8
PERSONS										
1 person	1 658	59	413	799	307	59	17	4	-	2.9
2 persons	1 925	16	172	916	659	114	38	-	10	3.3
3 persons	1 277	-	94	475	561	105	29	9	4	3.6
4 persons	1 167	-	33	365	574	155	25	-	15	3.8
5 persons	830	-	8	294	339	135	44	4	6	3.8
6 persons or more	1 567	6	67	347	553	363	158	49	24	4.2
Median	3.0	...	1.5	2.4	3.4	4.7	5.6	...	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	6 683	20	221	2 348	2 796	880	297	62	59	3.8
0.50 or less	1 917	-	99	650	899	151	80	9	29	3.7
0.51 to 1.00	2 649	14	41	965	1 088	391	102	18	30	3.8
1.01 to 1.50	1 123	-	27	262	521	227	72	14	-	4.0
1.51 or more	994	6	54	471	288	111	43	21	-	3.4
Lacking some or all plumbing facilities	1 741	61	566	848	197	51	14	4	-	2.8
0.50 or less	560	-	314	149	67	22	4	4	-	2.4
0.51 to 1.00	657	45	131	426	47	4	4	-	-	2.9
1.01 to 1.50	222	-	67	103	52	-	-	-	-	2.9
1.51 or more	302	16	54	170	31	25	6	-	-	3.0
BEDROOMS										
None	101	75	-	26	-	-	-	-	-	...
1	2 699	-	758	1 849	271	21	-	-	-	2.9
2	4 285	-	-	1 231	2 660	300	94	-	-	3.8
3 or more	1 239	-	-	-	154	732	229	87	37	5.1
YEAR STRUCTURE BUILT										
1969 to March 1970	227	-	6	6	148	64	-	3	-	4.2
1960 to 1968	1 915	10	9	428	1 140	245	65	12	6	3.9
1950 to 1959	1 157	-	22	462	544	99	19	4	7	3.7
1949 or earlier	5 125	71	750	2 300	1 161	523	227	47	46	3.3
COMPLETE BATHROOMS										
1 and 1 1/2	6 547	28	223	2 341	2 782	797	273	64	39	3.7
2 or more	52	-	-	7	-	-	23	-	22	...
None or also used by another household	1 852	59	612	881	214	75	6	5	-	2.8
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	8 387	81	780	3 189	2 980	926	306	66	59	3.3
Less than 10 percent	762	8	47	264	326	93	19	-	5	3.7
10 to 14 percent	1 346	21	54	444	598	151	49	23	6	3.8
15 to 19 percent	1 433	5	109	494	629	154	31	6	5	3.7
20 to 24 percent	899	-	76	402	285	92	21	6	7	3.4
25 to 34 percent	1 182	5	98	453	404	137	74	6	5	3.6
35 percent or more	2 448	27	370	1 053	626	260	84	16	12	3.3
Not computed	317	15	26	79	102	39	28	9	19	3.9

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B-16. Units in Structure for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Macon	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	4 148	4 051	97	-	8 424	3 291	3 283	858	834	111	47	-
ROOMS												
1 room	-	-	-	-	81	16	22	22	21	-	-	-
2 rooms	32	16	16	-	787	321	380	62	11	-	8	-
3 rooms	247	243	4	-	3 196	1 261	1 334	256	279	46	20	-
4 rooms	942	897	45	-	2 993	920	1 232	419	349	51	22	-
5 rooms	1 187	1 176	11	-	931	487	209	99	130	6	-	-
6 rooms	1 048	1 034	14	-	311	183	89	-	39	-	-	-
7 rooms	486	479	7	-	66	49	17	-	-	-	-	-
8 rooms or more	206	206	-	-	59	54	-	-	5	-	-	-
Median	5.2	5.2	...	-	3.5	3.6	3.4	3.7	3.8	3.5	...	-
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	3 869	3 777	92	-	6 683	2 435	2 657	710	758	81	42	-
0.50 or less	2 029	1 977	52	-	1 917	681	754	175	275	17	15	-
0.51 to 1.00	1 236	1 201	35	-	2 649	920	1 007	301	342	58	21	-
1.01 to 1.50	401	401	-	-	1 123	371	510	137	99	6	-	-
1.51 or more	203	198	5	-	994	463	386	97	42	-	6	-
Lacking some or all plumbing facilities	279	274	5	-	1 741	856	626	148	76	30	5	-
0.50 or less	147	147	-	-	560	281	217	51	6	5	-	-
0.51 to 1.00	74	69	5	-	657	297	245	44	60	11	-	-
1.01 to 1.50	42	42	-	-	222	90	99	15	10	8	-	-
1.51 or more	16	16	-	-	302	188	65	38	-	6	5	-
BEDROOMS												
None	-	-	-	-	101	19	44	-	38	-	-	-
1	334	316	18	-	2 899	1 209	986	323	289	38	54	-
2	1 653	1 653	-	-	4 285	1 585	1 547	491	552	93	17	-
3	1 725	1 725	-	-	1 005	610	166	93	111	25	-	-
4 or more	405	405	-	-	234	148	60	-	26	-	-	-
YEAR STRUCTURE BUILT												
1969 to March 1970	55	55	-	-	227	8	53	65	62	23	16	-
1965 to 1968	344	338	6	-	927	165	512	191	54	5	-	-
1960 to 1964	402	386	16	-	988	132	784	67	5	-	-	-
1950 to 1959	968	968	-	-	1 157	344	493	252	52	11	5	-
1940 to 1949	737	706	31	-	1 549	590	453	61	400	40	5	-
1939 or earlier	1 642	1 598	44	-	3 576	2 052	988	222	261	32	21	-
INCOME IN 1969												
Less than \$2,000	933	892	41	-	2 657	1 015	1 037	203	356	30	16	-
\$2,000 to \$2,999	431	431	-	-	1 367	527	523	115	153	44	5	-
\$3,000 to \$3,999	437	417	20	-	1 089	448	406	88	125	16	6	-
\$4,000 to \$4,999	349	342	7	-	844	352	308	109	64	6	5	-
\$5,000 to \$5,999	362	348	14	-	613	219	314	69	11	-	-	-
\$6,000 to \$6,999	319	319	-	-	508	163	234	53	58	-	-	-
\$7,000 to \$9,999	645	640	5	-	799	341	274	130	44	5	5	-
\$10,000 to \$14,999	467	457	10	-	490	193	179	85	23	10	-	-
\$15,000 to \$24,999	187	187	-	-	53	33	4	6	-	-	10	-
\$25,000 or more	18	18	-	-	4	-	4	-	-	-	-	-
Median	\$4 800	\$4 800	...	-	\$3 200	\$3 200	\$3 200	\$4 200	\$2 400	\$2 600	...	-
YEAR MOVED INTO UNIT												
1969 to March 1970	295	282	13	-	2 296	662	1 031	363	181	46	13	-
1968	243	237	6	-	1 102	451	430	138	74	-	9	-
1967	240	240	-	-	941	289	436	145	57	14	-	-
1965 and 1966	360	355	5	-	1 153	419	460	87	187	-	-	-
1960 to 1964	612	585	27	-	1 383	566	561	113	129	14	-	-
1950 to 1959	1 019	993	26	-	815	388	286	13	97	15	16	-
1949 or earlier	1 343	1 300	43	-	761	495	193	-	64	9	-	-
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	8 387	3 254	3 283	858	834	111	47	-
Less than \$50	...	...	...	...	2 520	776	953	165	541	69	16	-
\$50 to \$59	...	...	...	...	1 771	804	703	121	118	4	21	-
\$60 to \$69	...	...	...	...	1 500	599	619	184	72	21	5	-
\$70 to \$79	...	...	...	...	927	401	386	124	11	5	-	-
\$80 to \$99	...	...	...	...	1 135	352	516	186	76	5	-	-
\$100 to \$119	...	...	...	...	239	96	67	64	5	7	-	-
\$120 to \$149	...	...	...	...	111	78	16	6	11	-	-	-
\$150 to \$199	...	...	...	...	15	4	7	4	-	-	-	-
\$200 to \$299	...	...	...	...	5	-	-	-	-	-	5	-
\$300 or more	...	...	...	...	-	-	-	-	-	-	-	-
No cash rent	...	...	...	...	164	144	16	4	-	-	-	-
Median	...	...	...	...	\$59	\$60	\$60	\$68	\$50-	\$50-	...	-
HEATING EQUIPMENT												
Steam or hot water	-	-	-	-	16	-	11	-	-	-	5	-
Warm-air furnace	518	514	4	-	215	54	75	54	10	17	5	-
Built-in electric units	91	91	-	-	185	18	78	71	18	-	-	-
Floor, wall, or pipeless furnace	368	357	11	-	590	41	359	86	82	11	11	-
Other means	3 154	3 072	82	-	7 380	3 168	2 744	639	720	83	26	-
None	17	17	-	-	38	10	16	8	4	-	-	-
AIR CONDITIONING												
Room unit(s)	1 064	1 035	29	-	779	166	426	146	35	6	-	-
Central system	224	224	-	-	-	-	-	-	-	-	-	-
None	2 824	2 733	91	-	7 672	3 104	2 971	713	754	92	38	-
AUTOMOBILES AVAILABLE												
1	1 818	1 786	32	-	2 857	1 090	1 222	354	162	29	-	-
2	971	950	21	-	566	251	229	46	34	6	-	-
3 or more	169	160	9	-	68	40	15	6	7	-	-	-
None	1 154	1 096	58	-	4 960	1 889	1 931	453	586	63	38	-

¹Excludes one-family homes on 10 acres or more.

Table B-17. Household Composition for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Macon	Total	Two-or-more-person households									One-person households	
		Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	4 148	31	247	461	1 083	393	122	68	734	251	396	362
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	3 869	31	247	461	1 034	359	107	63	680	225	357	305
0.50 or less	2 029	16	38	109	471	211	41	23	301	157	357	305
0.51 to 1.00	1 236	5	139	195	363	129	44	40	259	62	-	-
1.01 to 1.50	401	10	45	113	132	14	11	-	76	-	-	-
1.51 or more	203	-	25	44	68	5	11	-	44	6	-	-
Lacking some or all plumbing facilities	279	-	-	-	49	34	15	5	54	26	39	57
0.50 or less	147	-	-	-	10	7	5	5	18	6	39	57
0.51 to 1.00	74	-	-	-	11	27	5	-	25	6	-	-
1.01 to 1.50	42	-	-	-	17	5	5	-	6	14	-	-
1.51 or more	16	-	-	-	11	-	-	-	5	-	-	-
UNITS IN STRUCTURE												
1	4 051	31	243	461	1 072	388	111	68	707	230	390	350
2 or more	97	-	4	-	11	5	11	-	27	21	6	12
Mobile home or trailer	-	-	-	-	-	-	-	-	-	-	-	-
INCOME IN 1969												
Less than \$2,000	933	-	-	-	73	98	20	21	183	53	199	286
\$2,000 to \$2,999	431	-	-	24	53	69	13	6	118	36	59	53
\$3,000 to \$3,999	437	-	5	30	101	77	25	6	111	38	39	5
\$4,000 to \$4,999	349	5	12	27	110	21	10	4	62	47	40	11
\$5,000 to \$5,999	362	-	12	32	159	29	8	14	53	15	40	-
\$6,000 to \$6,999	319	5	35	48	114	33	5	-	69	5	5	-
\$7,000 to \$9,999	645	11	99	137	212	36	9	6	90	27	14	4
\$10,000 to \$14,999	467	10	84	107	161	24	21	11	28	18	18	3
\$15,000 to \$24,999	187	-	-	56	88	6	11	-	14	12	-	-
\$25,000 or more	18	-	-	-	12	-	-	-	6	-	-	-
Median	\$4 800	...	\$8 800	\$8 500	\$6 400	\$3 400	\$4 300	...	\$3 600	\$4 000	\$2 000	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied ¹	3 987	31	243	461	1 058	376	111	68	683	230	376	350
Less than 1.5	1 388	15	152	254	497	94	36	17	202	78	36	7
1.5 to 1.9	620	-	47	82	224	52	22	4	92	52	40	5
2.0 to 2.4	381	16	28	70	57	45	11	8	69	31	46	-
2.5 to 2.9	215	-	11	5	82	19	10	-	46	-	25	17
3.0 to 3.9	405	-	5	45	106	35	17	10	100	20	24	43
4.0 or more	896	-	-	5	83	118	10	29	160	49	184	258
Not computed	82	-	-	-	9	13	5	-	14	-	21	20
Renter occupied housing units	8 424	472	1 060	737	1 149	358	328	76	2 258	308	1 042	616
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	6 683	422	959	630	910	282	248	39	1 865	224	721	383
0.50 or less	1 917	59	95	43	166	58	90	14	216	86	712	378
0.51 to 1.00	2 649	265	455	225	382	160	95	25	924	104	9	5
1.01 to 1.50	1 123	50	286	183	185	32	23	-	349	15	-	-
1.51 or more	994	48	123	179	177	32	40	-	376	19	-	-
Lacking some or all plumbing facilities	1 741	50	101	107	259	76	80	37	393	84	321	233
0.50 or less	560	-	-	-	10	-	6	-	21	14	293	216
0.51 to 1.00	657	29	10	21	145	61	42	37	197	70	28	17
1.01 to 1.50	222	17	33	18	41	5	16	-	92	-	-	-
1.51 or more	302	4	58	68	63	10	16	-	83	-	-	-
UNITS IN STRUCTURE												
1	3 291	103	360	305	672	205	124	38	725	133	390	236
2 to 4	4 141	334	646	370	403	105	158	38	1 162	121	527	277
5 to 19	945	35	54	57	84	48	41	-	354	54	115	103
20 or more	47	-	-	5	10	-	5	-	17	-	10	-
Mobile home or trailer	-	-	-	-	-	-	-	-	-	-	-	-
GROSS RENT												
Specified renter occupied ²	8 387	472	1 056	733	1 150	358	328	76	2 258	308	1 037	611
Less than \$50	2 520	63	110	88	245	123	109	40	690	128	534	390
\$50 to \$59	1 771	91	207	176	238	51	73	26	503	71	206	129
\$60 to \$69	1 500	88	218	148	262	88	39	4	472	40	88	53
\$70 to \$79	927	59	156	121	153	70	30	-	207	28	90	13
\$80 to \$99	1 135	139	278	133	159	10	42	6	289	10	53	16
\$100 to \$119	239	32	63	26	60	5	-	-	26	18	9	-
\$120 to \$149	111	-	24	19	18	6	13	-	21	-	10	-
\$150 to \$199	15	-	-	4	-	-	7	-	4	-	-	-
\$200 to \$299	5	-	-	-	-	-	-	-	-	-	5	-
\$300 or more	-	-	-	-	-	-	-	-	-	-	-	-
No cash rent	164	-	-	18	15	5	15	-	46	13	42	10
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	8 387	472	1 056	733	1 150	358	328	76	2 258	308	1 037	611
Less than \$5,000	5 931	233	449	318	660	300	207	76	1 913	261	903	611
Less than 20 percent	1 296	111	185	111	212	44	65	33	357	34	135	9
20 to 24 percent	779	27	82	83	100	82	27	6	244	9	104	15
25 to 34 percent	1 142	46	104	60	143	44	47	4	444	46	122	82
35 percent or more	2 448	49	78	59	200	119	54	33	740	154	476	486
Not computed	266	-	-	5	5	11	14	-	128	18	66	19
\$5,000 to \$9,999	1 909	208	437	316	381	39	90	-	289	34	115	-
Less than 20 percent	1 712	182	415	268	350	39	78	-	250	34	96	-
20 to 24 percent	120	26	15	20	21	-	-	-	23	-	15	-
25 to 34 percent	40	-	7	10	5	-	7	-	11	-	-	-
35 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	37	-	-	18	5	-	5	-	5	-	4	-
\$10,000 to \$14,999	490	27	154	90	100	19	31	-	50	5	14	-
Less than 20 percent	481	27	154	90	95	19	31	-	46	5	14	-
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	9	-	-	5	-	-	-	-	4	-	-	-
\$15,000 or more	57	4	16	9	9	-	-	-	6	8	5	-
Less than 20 percent	52	4	16	9	4	-	-	-	6	8	5	-
20 to 24 percent	-	-	-	-	-	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	5	-	-	-	5	-	-	-	-	-	-	-

¹Limited to one-family homes on less than 10 acres and no business on property. ²Excludes one-family homes on 10 acres or more.

Table B-18. Persons in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Macon	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	4 148	758	1 110	689	481	348	268	285	209	2.8
BEDROOMS										
None and 1	334	124	110	40	34	26	-	-	-	...
2	1 653	500	569	326	109	55	39	37	18	2.1
3	1 725	145	197	240	316	286	211	212	118	4.4
4 or more	405	36	16	62	54	-	67	116	54	6.0
YEAR STRUCTURE BUILT										
1969 to March 1970	55	-	11	22	10	4	5	-	3	...
1965 to 1968	344	44	55	74	79	11	36	29	16	3.5
1960 to 1964	402	33	90	62	56	57	32	58	14	3.8
1950 to 1959	968	129	273	187	92	98	56	71	62	2.9
1940 to 1949	737	121	200	123	88	67	42	44	52	2.9
1939 or earlier	1 642	431	481	221	156	111	97	83	62	2.3
UNITS IN STRUCTURE										
1	4 051	740	1 074	682	462	336	263	285	209	2.8
2 or more	97	18	36	7	19	12	5	-	-	...
Mobile home or trailer	-	-	-	-	-	-	-	-	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	3 480	519	1 020	609	411	303	206	224	188	2.8
2 and 2 1/2	265	34	88	54	37	23	11	11	7	2.7
3 or more	55	20	6	6	12	11	-	-	-	...
None or also used by another household	312	132	70	51	-	7	27	10	15	1.8
HOUSEHOLD COMPOSITION										
Two-or-more-person households	3 390	...	1 110	689	481	348	268	285	209	3.3
Male head, wife present, no nonrelatives	2 215	...	682	384	345	231	199	222	152	3.6
Under 25 years	31	...	12	9	-	-	-	5	5	...
25 to 34 years	247	...	20	45	70	36	31	26	19	4.3
35 to 44 years	461	...	63	54	83	53	59	104	45	5.1
45 to 64 years	1 083	...	368	221	125	118	97	76	78	3.3
65 years and over	393	...	219	55	67	24	12	11	5	2.4
Other male head	190	...	55	61	26	14	4	16	14	3.2
Under 65 years	122	...	32	38	14	8	-	16	14	3.3
65 years and over	68	...	23	23	12	6	-	-	-	...
Female head	985	...	373	244	110	103	65	47	43	3.0
Under 65 years	734	...	255	180	86	79	59	32	43	3.1
65 years and over	251	...	118	64	24	24	6	15	-	2.6
One-person households	758	758	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner-occupied ¹	3 987	776	1 042	675	462	331	263	285	203	2.8
Less than 1.5	1 388	43	335	271	207	115	131	159	127	3.7
1.5 to 1.9	620	45	161	94	103	100	48	34	35	3.6
2.0 to 2.4	381	46	101	85	41	21	35	33	19	3.0
2.5 to 2.9	215	42	63	36	28	9	12	17	8	2.6
3.0 to 3.9	405	67	107	84	42	52	23	30	12	2.8
4.0 or more	896	442	258	89	41	34	6	12	14	1.5
Not computed	82	41	17	16	-	-	8	-	-	...
Renter occupied housing units	8 424	1 658	1 925	1 277	1 167	830	565	537	465	3.0
BEDROOMS										
None	101	57	18	-	-	26	-	-	-	...
1	2 899	1 096	734	418	216	181	151	42	61	2.0
2	4 285	436	916	1 057	835	449	205	239	148	3.2
3 or more	1 239	20	96	61	95	156	215	206	390	6.4
YEAR STRUCTURE BUILT										
1969 to March 1970	227	15	49	77	49	19	4	11	3	3.1
1965 to 1968	927	95	194	181	180	109	91	52	25	3.5
1960 to 1964	988	108	187	162	131	166	90	83	61	3.6
1950 to 1959	1 157	165	253	165	268	85	90	67	64	2.7
1940 to 1949	1 549	411	320	219	179	153	71	94	102	2.7
1939 or earlier	3 576	864	922	473	360	298	219	230	210	2.5
UNITS IN STRUCTURE										
1	3 291	626	773	453	346	374	205	223	291	3.0
2	3 283	622	782	529	512	296	233	192	117	2.9
3 and 4	858	182	145	131	147	58	95	69	31	2.3
5 to 9	834	213	172	101	158	102	32	35	21	2.8
10 to 19	111	5	38	52	4	-	-	12	2	2.7
20 or more	47	10	15	11	-	-	-	6	5	...
Mobile home or trailer	-	-	-	-	-	-	-	-	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	6 547	1 105	1 404	975	1 021	736	491	479	336	3.3
2 or more	52	9	6	6	7	-	6	18	-	...
None or also used by another household	1 852	604	536	228	128	92	93	72	99	2.1
HOUSEHOLD COMPOSITION										
Two-or-more-person households	6 766	...	1 925	1 277	1 167	830	565	537	465	3.7
Male head, wife present, no nonrelatives	3 796	...	973	640	713	481	345	333	311	3.9
Under 25 years	472	...	111	159	112	45	27	5	13	3.3
25 to 34 years	1 060	...	160	187	309	190	89	94	31	4.1
35 to 44 years	737	...	81	79	115	83	125	130	124	5.6
45 to 64 years	1 169	...	422	152	153	127	86	94	135	3.6
65 years and over	358	...	199	63	24	36	18	10	8	2.4
Other male head	404	...	223	75	34	17	17	16	22	2.4
Under 65 years	328	...	168	54	34	17	17	16	22	2.5
65 years and over	76	...	55	21	-	-	-	-	-	...
Female head	2 566	...	729	562	420	332	203	188	132	3.5
Under 65 years	2 258	...	509	520	397	312	203	185	132	3.8
65 years and over	308	...	220	42	23	20	-	3	-	2.2
One-person households	1 658	1 658	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	8 387	1 648	1 925	1 261	1 160	826	565	537	465	3.0
Less than 10 percent	762	46	114	134	135	94	80	102	57	4.1
10 to 14 percent	1 346	82	280	236	233	177	134	76	128	3.8
15 to 19 percent	1 433	131	394	230	240	160	127	74	77	3.3
20 to 24 percent	899	134	192	159	139	114	62	60	39	3.3
25 to 34 percent	1 182	204	294	201	147	140	58	76	62	3.0
35 percent or more	2 448	962	571	249	246	128	83	135	74	2.6
Not computed	317	89	80	52	20	13	21	14	28	2.4

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Appendix A.—AREA CLASSIFICATIONS

USUAL PLACE OF RESIDENCE ..	App-1
COUNTIES	App-1
PLACES	App-1
STANDARD METROPOLITAN STATISTICAL AREAS	App-1

USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to 1790, each person enumerated in the 1970 census was counted as an inhabitant of his usual place of residence, which is generally construed to mean the place where he lives and sleeps most of the time. This place is not necessarily the same as his legal residence, voting residence, or domicile. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics although there may be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishing of residence rules for certain categories of persons whose usual place of residence is not immediately clear. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be found by the census enumerators. Persons without a usual place of residence were, however, counted where they were enumerated. Detailed information on residence rules is given in the 1970 Population Census PC(1)-A reports.

COUNTIES

The primary divisions of the States are, in general, termed counties, but in Louisiana these divisions are known as parishes. There are no counties in Alaska; in this State, statistical areas called census divisions were developed

for general statistical purposes through the cooperation of the State and the Census Bureau and are treated as county equivalents. In four States (Maryland, Missouri, Nevada, and Virginia), there are one or more cities which are independent of any county organization and thus constitute primary divisions of their States.

PLACES

Two types of places are recognized in the census reports, incorporated places and unincorporated places. Incorporated places are political units incorporated as cities, boroughs, towns, and villages except for (a) boroughs in Alaska and (b) towns in the New England States, New York, and Wisconsin. Unincorporated places are closely settled population centers without corporate limits for which the Census Bureau has delineated boundaries. Each place so delineated possesses a definite nucleus of residences and has its boundaries drawn to include, if feasible, all the surrounding closely settled area. Unincorporated places are identified with the letter "U."

STANDARD METROPOLITAN STATISTICAL AREAS

The Bureau of the Census recognizes 243 standard metropolitan statistical areas (SMSA's) in the United States and 4 in Puerto Rico, making a total of 247 in the 1970 census. These include the 231 SMSA's as defined and named in the Bureau of the Budget publication, *Standard Metropolitan Statistical Areas: 1967*, U.S. Government Printing Office, Washington, D.C. 20402. Since 1967, 16 SMSA's have been added, of which two were defined in January 1968 and an additional 14 were defined in February

1971 on the basis of the results of the 1970 census. Changes in SMSA boundaries or titles made after February 1971 are not recognized in this series of reports. SMSA's are defined by the Office of Management and Budget (formerly Bureau of the Budget).

Except in the New England States, a standard metropolitan statistical area is a county or group of contiguous counties which contains at least one city of 50,000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In addition to the county or counties containing such a city or cities, contiguous counties are included in an SMSA if, according to certain criteria, they are socially and economically integrated with the central city. In the New England States, SMSA's consist of towns and cities instead of counties. Each SMSA must include at least one central city, and the complete title of an SMSA identifies the central city or cities. For a detailed description of the criteria used in defining SMSA's, see the Bureau of the Budget publication cited above.

The figures for central cities shown in this report may differ from those shown in the Housing Census HC(1)-A and HC(1)-B reports. In those reports, if a central city of an SMSA is an extended city (so designated because it has extended its boundaries to include territory essentially rural in character), the figures shown for the central city were restricted to the urban portion of the city. In addition, parts of central cities outside the SMSA boundaries were excluded from the central city tabulations. In this report, however, figures for central cities refer to the entire population and housing within the legal city boundaries, including any rural parts of the city or parts outside the SMSA.

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

GENERAL	App-2	Gross rent	App-8	Comparability with 1960 data. —Although the 1970 data are generally comparable with the data collected in 1960, certain changes have been introduced. The 1960 inquiry regarding owner occupancy has been subdivided to show a separate category for cooperatives and condominiums in 1970. The 1960 question on cooking equipment was broadened in 1970 to cover "complete kitchen facilities"; i.e., an installed sink with piped water, a range or cookstove, and a mechanical refrigerator. On the other hand, the 1960 question on condition of housing unit (i.e., sound, deteriorating, or dilapidated) was eliminated because of serious problems with response reliability.
Self-enumeration and census questionnaire	App-2	Rent asked	App-8	
Comparability with 1960 data ..	App-2	Value-income ratio	App-8	
LIVING QUARTERS	App-3	Gross rent as percentage of income	App-8	
Housing units	App-3	HOUSEHOLD CHARACTERISTICS	App-8	
Group quarters	App-3	Head of household	App-8	
Rules for mobile homes, hotels, rooming houses, etc.	App-3	Household composition	App-8	
Institutions	App-4	Nonrelative	App-9	
OCCUPANCY AND VACANCY CHARACTERISTICS	App-4	Family or primary individual ...	App-9	
Occupied housing units	App-4	Income in 1969	App-9	
Race	App-4	FACSIMILES	App-10	
Spanish heritage	App-4	Housing Pages in the 1970 Census Questionnaires	App-10	
Tenure	App-4	Respondent Instructions for the Housing Questions in the 1970 Census	App-13	
Year moved into unit	App-4			
Vacant housing units	App-4			
Vacancy status	App-5			
Duration of vacancy	App-5			
UTILIZATION CHARACTERISTICS	App-5	GENERAL		
Persons	App-5	Self-enumeration and census questionnaire. —As stated in the introductory text of this report, the 1970 census was conducted primarily through self-enumeration. Furthermore, census takers were instructed to read the questions directly from the questionnaire in their telephone and personal visit interviews. The questionnaire pages containing the housing questions asked on a 100-percent basis and the additional questions asked on a sample basis, as well as the page of the respondent instruction sheet which relates to these questions, are reproduced on pages App-10 to App-13. The definitions and explanations given below for each subject are, to a considerable extent, drawn from various technical and procedural materials used in the collection of the data. This material helped the enumerative personnel to understand more fully the intent of each question and thus to resolve problem or unusual cases. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.		
Rooms	App-5			
Persons per room	App-5			
Bedrooms	App-5			
STRUCTURAL AND PLUMBING CHARACTERISTICS	App-5			
Direct access	App-5			
Complete kitchen facilities	App-5			
Year structure built	App-6			
Units in structure	App-6			
Elevator in structure	App-6			
Plumbing facilities	App-6			
Complete bathrooms	App-6			
EQUIPMENT, FUELS, AND APPLIANCES	App-6			
Heating equipment	App-6			
Air conditioning	App-7			
Automobiles available	App-7			
Automatic clothes washing machine	App-7			
Clothes dryer	App-7			
Dishwasher	App-7			
Home food freezer	App-7			
Owned second home	App-7			
FINANCIAL CHARACTERISTICS	App-7			
Value	App-7			
Sales price asked	App-7			

Data on elevator in structure were collected for all geographic areas in 1970. In 1960, statistics on elevator in structure were collected only for large places; that is, places which had a population of 50,000 or more in 1950 or in an interim census.

Separate data on a number of subjects are presented for occupied units with Negro head of household. In 1960, this type of tabulation related to the total of all household heads other than white; Negro household heads constituted 95 percent of this total in 1960 for the Nation as a whole, but this proportion varied widely among areas.

Separate data are also shown in this report for housing units occupied by heads of Spanish heritage, that is, household heads of Spanish language or Spanish surname in five Southwestern States (Arizona, California, Colorado, New Mexico, and Texas), heads of Puerto Rican birth or parentage in New York, New Jersey, and Pennsylvania, and heads of Spanish language in all other States. In 1960, household heads of Spanish surname were identified in the five Southwestern States and Puerto Rican heads of households were identified in all other States. More information on the 1970 definition is given in this report and in the 1970 Population Census Series PC(1)-C reports; the 1960 definition is more fully explained in the 1960 Census of Housing Volume I reports.

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house,

mobile home or trailer, etc.). Living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a watchman lives), as well as in tents, caves, old railroad cars, etc.

Housing units.—A housing unit is a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. Separate living quarters are those in which the occupants do not live and eat with any other persons in the structure and which have either (1) direct access from the outside of the building or through a common hall or (2) complete kitchen facilities for the exclusive use of the occupants. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the section on group quarters). For vacant units, the criteria of separateness, direct access, and complete kitchen facilities for exclusive use are applied to the intended occupants, whenever possible. If the information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing inventory, except that mobile homes, trailers, tents, caves, boats, railroad cars, and the like, are included only if they are occupied.

Group quarters.—Group quarters are living arrangements for institutional inmates or for other groups containing five or more persons not related to the person in charge. Group quarters are located most frequently in institutions, boarding houses, military barracks, college dormitories, fraternity and sorority houses, hospitals, mona-

steries, convents, and ships. A house or apartment is considered group quarters if it is shared by the person in charge and five or more persons unrelated to him, or if there is no person in charge, by six or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Rules for mobile homes, hotels, rooming houses, etc.—Mobile homes or trailers, tents, boats, or railroad cars are not enumerated if vacant, used only for business, or used only for vacations.

Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels, motels, and similar places in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have either direct access or complete kitchen facilities for exclusive use, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain four or fewer roomers unrelated to the head, they are classified as one housing unit; if the combined quarters contain five or more roomers unrelated to the head or person in charge, they are classified as group quarters. In a dormitory, residence hall, or similar place, living quarters of the supervisory staff and other employees are separate housing units if they satisfy the housing unit

criteria; other living quarters are considered group quarters.

Institutions.—Living quarters of staff personnel are separate housing units if they satisfy the housing unit criteria. Other living quarters are considered group quarters.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied housing units.—A housing unit is classified as occupied if a person or group of persons is living in it at the time of enumeration or if the occupants are only temporarily absent—for example, on vacation. However, if the persons staying in the unit have their usual place of residence elsewhere, the unit is classified as vacant.

A household consists of all the persons who occupy a housing unit. By definition, therefore, the count of occupied housing units is the same as the count of households in the 1970 Census of Population reports. In some cases, however, there may be small differences in the counts resulting from processing procedures.

Race.—The classification by race shown here refers to the race of the head of the household occupying the housing unit. Detailed characteristics of units with Negro head of household are presented in separate tables for SMSA's, cities or places having a Negro population of 25,000 or more. The concept of race as used by the Census Bureau does not denote clear-cut scientific definitions of biological stock. The data represent essentially self-classification by people according to the race with which they identify themselves.

Spanish heritage.—The inquiries in the 1970 census permit the identification of housing units occupied by heads of Spanish heritage by various means: birthplace, birthplace of parents, language, and surname. The specific types of identification are given below. A more detailed explanation is given in the 1970 Population Census PC(1)-C reports.

Puerto Rican birth or parentage.—Household heads of Puerto Rican birth or parentage are identified in the three Middle Atlantic States: New York, New Jersey, and Pennsylvania.

Spanish language or Spanish surname.—In five Southwestern States—Arizona, California, Colorado, New Mexico, and Texas—household heads of Spanish language or Spanish surname are identified. (A household head is classified as of Spanish language if the head or his wife reported Spanish as his or her mother tongue, i.e., the language spoken at home when the person was a child.)

Spanish language.—In all other States and the District of Columbia, household heads of Spanish language (as defined above) are identified.

Detailed characteristics of units with heads of Spanish heritage are presented in separate tables for SMSA's, cities or places having a population of 25,000 or more for the particular Spanish-heritage group.

Tenure.—(See facsimiles of questionnaire item H9 and instructions on pages App-10 and App-13.) A housing unit is "owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. A

cooperative or condominium unit is "owner occupied" only if the owner or co-owner lives in it. All other occupied units are classified as "renter occupied," including units rented for cash rent and those occupied without payment of cash rent.

Year moved into unit.—Data on year moved into unit are based on the information reported for the head of the household. The question refers to the year of latest move. Thus, if the head moved back into a unit he had previously occupied, the year of his latest move was to be reported; if he moved from one apartment to another in the same building, the year he moved into his present unit was to be reported. The intent is to establish the year the present occupancy by the head began. The year the head moves is not necessarily the same year other members of the household move, although in the great majority of cases the entire household moves at the same time.

Vacant housing units.—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. In addition, a vacant unit may be one which is occupied entirely by persons who have a usual residence elsewhere.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if unfit for human habitation; that is, if the roof, walls, windows, or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also

excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy status.—(See facsimile of questionnaire item C on page App-10.) Vacant housing units are classified as either "seasonal and migratory" or "year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year. Included are units intended for recreational use, such as beach cottages and hunting cabins, and vacant units held for herders and loggers. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season. "Year-round" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered year-round. A unit used only occasionally throughout the year is also considered year-round.

This report presents statistics for "year-round" vacant units on the market for sale or for rent. Excluded are "seasonal and migratory" vacant units, as well as "year-round" vacant units sold or rented but not yet occupied by the new owner or renter, units held for the occasional use of the owner, and units held off the market for other reasons.

Vacant for sale.—Vacant year-round units "for sale" also include vacant units in a cooperative or condominium building if the individual units are offered for sale only.

Vacant for rent.—Vacant year-round units "for rent" also include vacant units offered either for rent or for sale.

Duration of vacancy.—(See facsimile of questionnaire item D on page App-10.) The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration. The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

UTILIZATION CHARACTERISTICS

Persons.—All persons occupying the housing unit are counted. These persons include not only occupants related to the head of the household but also any lodgers, roomers, boarders, partners, wards, foster children, and resident employees who share the living quarters of the household head. The data on "persons" show the number of housing units occupied by the specified number of persons.

Units with one or more roomers, boarders, or lodgers are shown as a separate category. Not included as "roomers, boarders, or lodgers" are servants who live in, companions, partners, etc.

Rooms.—(See facsimiles of questionnaire item H4 and instructions on pages App-10 and App-13.) The statistics on "rooms" are in terms of the number of housing units with specified number of rooms. The intent of this question was to count the number of whole rooms used for living purposes. As stated on the questionnaire and instruction sheet, bathrooms, foyers,

utility rooms, unfinished attics or basements, etc., are not included in the count of rooms.

Persons per room.—"Persons per room" is computed for each occupied unit by dividing the number of persons in the unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of housing units having the specified ratio of persons per room.

Bedrooms.—(See facsimile of questionnaire item H26 on page App-12.) The number of bedrooms in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a hideaway bed, are not considered bedrooms. A housing unit consisting of only one room, such as one-room efficiency apartment, is classified, by definition, as having no bedroom.

STRUCTURAL AND PLUMBING CHARACTERISTICS

Direct access.—(See facsimiles of questionnaire item H2 and instructions on pages App-10 and App-13.) A housing unit is regarded as having direct access if there is (1) a direct entrance from the outdoors, or (2) an entrance from a hall, lobby, or vestibule which is usually used by the occupants of more than one unit or by the general public.

Complete kitchen facilities.—(See facsimiles of questionnaire item H3 and instructions on pages App-10 and App-13.) A unit has complete kitchen facilities when it has all three of the

following: (1) an installed sink with piped water, (2) a range or cookstove, and (3) a mechanical refrigerator.

All kitchen facilities must be located in the structure. They need not be in the same room. Quarters with only portable cooking equipment are not considered as having a range or cookstove. An icebox is not included as a mechanical refrigerator.

The kitchen facilities are for the exclusive use of the occupants (shown on the questionnaire as "for this household only") when they are used only by the occupants of one housing unit, including lodgers or other unrelated persons living in the unit. When a structure consists of only one housing unit, all equipment located inside the structure is classified, by definition, for exclusive use.

Year structure built.—(See facsimile of questionnaire item H15 on page App-11.) Year structure built refers to when the building was first constructed, not when it was remodeled, added to, or converted. The figures relate to the number of units in structures built during the specified periods and in existence at the time of enumeration.

Units in structure.—(See facsimiles of questionnaire item H16 and instructions on pages App-11 and App-13.) In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented in terms of the number of housing units in structures of specified type and size, not in terms of the number of residential structures.

A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. Structures containing

only one housing unit are further classified as detached or attached (as explained on the questionnaire and instruction sheet).

Mobile homes and trailers are shown as a separate category. When one or more rooms have been added to a mobile home or trailer it is classified as a one-family house. If, however, only a porch or shed has been added, it is still counted as a mobile home or trailer.

The data on units in structure shown in this report may differ from the comparable figures in the HC(1)-A report. The answers to item H16 on the sample questionnaire made it possible in the HC(2) tabulations to correctly classify as mobile homes or trailers those which were incorrectly classified as one-family houses or as housing units in multiunit structures in the HC(1)-A tabulations.

Elevator in structure.—(See facsimiles of questionnaire item H24 and instructions on pages App-12 and App-13.) Statistics on elevator in structure are presented in terms of the number of housing units in structures with four stories or more which have a passenger elevator. Units are in a "walk-up" structure of four stories or more if the structure has no passenger elevator or if the only elevator service is for freight.

Plumbing facilities.—(See facsimiles of questionnaire items H5, H6, and H7 and instructions on pages App-10 and App-13.) The category "with all plumbing facilities" consists of units which have hot and cold piped water inside the structure as well as a flush toilet and a bathtub or shower inside the structure for the exclusive use of the occupants of the unit. "Lacking some or all plumbing facilities" means that the unit does not have all three

specified plumbing facilities (hot and cold piped water, as well as flush toilet and bathtub or shower inside the structure), or that the toilet or bathing facilities are also for the use of the occupants of other housing units.

Complete bathrooms.—(See facsimile of questionnaire item H21 on page App-11.) A housing unit is classified as having a complete bathroom if it has a room with a flush toilet and bathtub or shower for the exclusive use of the occupants of the unit and a wash basin, as well as piped hot water in the structure. (Although the instructions on the questionnaire do not specify that a complete bathroom must have hot water, this requirement was applied during the processing of the data in an edit combining the items on complete bathrooms and piped water in structure.) A half bathroom has either a flush toilet or a bathtub or shower for exclusive use, but does not have all the facilities for a complete bathroom.

The category "none or also used by another household" consists of units with no bathroom facilities, units with only a half bathroom, and units with bathroom facilities which are also for the use of the occupants of other housing units.

EQUIPMENT, FUELS, AND APPLIANCES

Heating equipment.—(See facsimiles of questionnaire item H14 and instructions on pages App-11 and App-13.) "Steam or hot water" refers to a central heating system in which heat from steam or hot water is delivered through radiators or other outlets. "Warm-air furnace" refers to a central system which provides warm air through ducts leading to various rooms; central heat pumps are

included in this category. "Built-in electric units" are permanently installed in floors, walls, or ceilings. A "floor, wall, or pipeless furnace" delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. "Other means" includes room heaters with or without flue, fireplaces, stoves, and portable heaters of all types.

For vacant units from which the heating equipment had been removed, the equipment used by the last occupants was to be reported.

Air conditioning.—(See facsimiles of questionnaire item H22 and instructions on pages App-11 and App-13.) Air conditioning is defined as the cooling of air by a refrigeration unit; excluded are evaporative coolers, fans, or blowers which are not connected to a refrigeration unit. A central system is a central installation which air-conditions the entire housing unit. In an apartment building, a central system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A central installation with individual room controls is a central air-conditioning system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room.

Automobiles available.—(See facsimiles of questionnaire item H23 and instructions on pages App-11 and App-13.) Statistics on automobiles available represent the number of passenger automobiles, including station wagons, which are owned or regularly used by any member of the household and

which are ordinarily kept at home. Taxicabs, pickups, or larger trucks were not to be counted. The figures include leased automobiles and company-owned automobiles kept at home. The statistics, therefore, do not reflect the number of automobiles privately owned or the number of households owning automobiles.

Appliances.—(See facsimiles of questionnaire items H27 and instructions on pages App-12 and App-13.)

Automatic clothes washing machine.—This category describes a machine that washes, rinses, and damp dries in the same tub; washer-dryer combinations are included in this group.

Clothes dryer.—A clothes dryer is a mechanical appliance in which clothes are dried by heated air. A unit with a washer-dryer combination is classified as having a clothes dryer (as well as an automatic clothes washing machine.)

Dishwasher.—This category includes both built-in and portable dishwashers.

Home food freezer.—A home food freezer is an appliance, separate from the refrigerator, designed for freezing food and for storing frozen food.

Owned second home.—(See facsimiles of questionnaire item H30 and instructions on pages App-12 and App-13.) A second home may be a single-family house, vacation cottage, hunting cabin, ski lodge, etc., which is owned and held for use sometime during the year by the owner or members of his household. Second homes may also be owned in partnership with members of a different household. The figures include second homes which are some-

times rented or leased on a short-term basis to other persons but are principally held for the owner's occasional use during the year.

The statistics refer to the number of households that own (one or more) second homes. The data, therefore, do not reflect the number of owned second homes.

FINANCIAL CHARACTERISTICS

Value.—(See facsimiles of questionnaire item H11 and instructions on pages App-10 and App-13.) Value is the respondent's estimate of how much the property (house and lot) would sell for if it were for sale. The statistics on value are shown only for one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The value tabulations also exclude mobile homes and trailers and units in cooperatives and condominiums.

As stated in the section on "units in structure," certain mobile homes and trailers were incorrectly classified as one-family houses in the HC(1)-A tabulations. In the HC(2) reports, the number of specified owner-occupied (one-family) units and the value tabulations correctly exclude the misclassified mobile homes and trailers; these tend to be at the lower end of the value distribution. As a result, the data on value shown in this report may differ from the comparable statistics in the HC(1)-A report.

Sales price asked.—For vacant units, the sales price is the amount asked for the property at the time of enumeration. The statistics on sales price are shown only for vacant for sale one-family houses on less than 10 acres without a commercial establishment or medical office on the property.

Gross rent.—(See facsimiles of questionnaire items H12 and H13 and instructions on pages App-10, 11, and 13.) The computed rent termed "gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, water) and fuels (oil, coal, kerosene, wood, etc.), if these items are paid for by the renter (or paid for him by someone else, such as a relative, welfare agency, or friend) in addition to rent. Contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included. Thus, gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuel as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but they are converted to monthly figures in the computation process.

The statistics on rent exclude one-family houses on ten acres or more. Renter units occupied without payment of cash rent are shown separately as "no cash rent" in the rent tabulations.

Rent asked.—For vacant units, the rent is the amount asked for the unit at the time of enumeration. The data are for vacant year-round units for rent, excluding one-family houses on ten acres or more. In table 10, data are provided for two kinds of vacant-for-rent units—those for which the rent includes payment for all utilities and fuel, and those for which the rent includes only some or none of the utilities and fuel. See section on "Gross rent" above for discussion of utilities and fuel.

Value-income ratio.—The value-income ratio is computed by dividing the value

of the housing unit by the total income in 1969 of the family or primary individual. The ratio is presented for the same owner-occupied units for which value was tabulated; thus, the statistics on value-income ratio reflect the exclusion of certain owner-occupied units. The ratio was computed separately for each unit and was rounded to the nearest tenth. In reporting value, respondents were asked to select an appropriate class interval. The midpoints of the value intervals were used in the computation of the value-income ratio, except that a mean of \$3,500 was assigned for values less than \$5,000 and a mean of \$60,000 was assigned for values of \$50,000 or more. For income, the dollar amounts were used. Units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

Gross rent as percentage of income.—The yearly gross rent (monthly gross rent multiplied by 12) is expressed as a percentage of the total income in 1969 of the family or primary individual. The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics on gross rent as percentage of income reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. For gross rent, the dollar amounts were used in the computation except that \$999 was assigned for monthly rentals of \$1,000 or more. For income, the dollar amounts were used. Units for which no cash rent is paid and units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

HOUSEHOLD CHARACTERISTICS

Head of household.—One person in each household is designated as the "head," that is, the person who is regarded as the head by the members of the household. However, if a married woman living with her husband is reported as the head, her husband was considered the head for the purpose of simplifying the tabulations.

Household composition.—Statistics by age of head are presented separately for two-or-more person households and for one-person households. Households having two or more persons are further subdivided as follows:

Male head, wife present, no non-relatives.—Each household in this group consists of the head and his wife, and other persons, if any, all of whom are related to him.

Other male head.—This category includes households with male head, wife present, with non-relatives living with them; male heads who are married, but with wife absent because of separation or other reason where husband and wife maintain separate residences; and male heads who are widowed, divorced, or single.

Female head.—This group comprises households with female heads regardless of their marital status. Included are female heads with no spouse and female heads whose husbands are living away from their families, as for example, husbands in the Armed Forces living on military installations.

Households consisting of only one person are shown separately as "one-person households" and are not included in the subcategories "other male head" and "female head."

Nonrelative.—A nonrelative of the head is any person in the household who is not related to the head by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards, and foster children are included in this category.

Family or primary individual.—Housing units are occupied by either "families" or "primary individuals." The term "family" refers to the head of a household and all (one or more) other persons living in the same household who are related to the head by blood, marriage, or adoption. If the head lives alone or with nonrelatives only, then the head is considered a "primary individual."

Married couples related to the head of a family are included in the family and are not considered as separate families. A lodger, servant, or other person unrelated to the head is considered a member of the household but not of the family.

In the statistics on household composition, families are always included in one of the three major groups of two-or-more person households. Primary individuals with nonrelatives living with them are tabulated as "other male head" or "female head." Primary individuals living alone are always tabulated as "one-person households."

Income in 1969.—Income is the sum of the amounts reported for wage and salary income, net self-employment income, Social Security or railroad retirement income, public assistance or welfare income, and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, health insurance premiums, Medicare deductions, etc.

In this report, the statistics relate to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Incomes of persons living in the unit but not related to the head of the household are not included in this sum. Although the income statistics cover the calendar year 1969, the characteristics of the household refer to the time of enumeration (April 1970). Thus, the income of the family does not include amounts received by persons who were members of the family during all or part of the calendar year 1969 if these persons no longer resided with the family at the time of the census. On the other hand, family income includes amounts reported by related persons who did not reside with the family during 1969 but who were members of the family at the time of enumeration. For most families, however, the income reported was received by persons who were members of the family throughout 1969.

Wage or salary income is defined as the total money earnings received for work performed as an employee at any time during the calendar year 1969. It includes wages, salary, pay from Armed Forces, commissions, tips, piece rate payments, and cash bonuses earned. Net self-employment income is defined as net money income (gross receipts minus operating expenses) received from a business, farm, professional enterprise, or partnership in which the person was engaged on his own account.

Social Security or railroad retirement income includes cash receipts of Social Security pensions, survivors' benefits, permanent disability insurance payments, and special benefit payments made by the Social Security Administration. Cash receipt of retire-

ment, disability, and survivors' benefit payments made by the U.S. Government under the Railroad Retirement Act are also included. Public assistance income includes cash receipts of payments made under the following public assistance programs: Aid to families with dependent children, old age assistance, general assistance, aid to the blind, and aid to the permanently and totally disabled. Separate payments received for hospital or other medical care are not included.

Income from all other sources includes money income received from sources such as interest; dividends; net income (or loss) from property rentals; net receipts from roomers or boarders; veteran's payments; public or private pensions; periodic receipts from insurance policies or annuities; unemployment insurance benefits; workmen's compensation cash benefits; net royalties; periodic payments from estates and trust funds; alimony or child support from persons who are not members of the household; net gambling gains; nonservice scholarships and fellowships; and money received for transportation and/or subsistence by persons participating in special governmental training programs, e.g., under the Manpower Development and Training Act.

Receipts from the following sources were not included as income: Money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" such as food produced and consumed in the home or free living quarters; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts. (A more detailed discussion of income is given in the 1970 Population Census, PC(1)-C reports.)

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES
(Questions on this page appeared on both the 15-percent and 5-percent questionnaires)

<p>A. How many living quarters, occupied and vacant, are at this address?</p> <p><input type="radio"/> One</p> <p><input type="radio"/> 2 apartments or living quarters</p> <p><input type="radio"/> 3 apartments or living quarters</p> <p><input type="radio"/> 4 apartments or living quarters</p> <p><input type="radio"/> 5 apartments or living quarters</p> <p><input type="radio"/> 6 apartments or living quarters</p> <p><input type="radio"/> 7 apartments or living quarters</p> <p><input type="radio"/> 8 apartments or living quarters</p> <p><input type="radio"/> 9 apartments or living quarters</p> <p><input type="radio"/> 10 or more apartments or living quarters</p> <p><input type="radio"/> This is a mobile home or trailer</p> <p style="text-align: center;"><i>Answer these questions for your living quarters</i></p> <p>H1. Is there a telephone on which people in your living quarters can be called?</p> <p><input type="radio"/> Yes — What is the number? _____</p> <p style="text-align: right; margin-right: 50px;"><i>Phone number</i></p> <p>H2. Do you enter your living quarters—</p> <p><input type="radio"/> Directly from the outside or through a common or public hall?</p> <p><input type="radio"/> Through someone else's living quarters?</p> <p>H3. Do you have complete kitchen facilities?</p> <p><i>Complete kitchen facilities are a sink with piped water, a range or cook stove, and a refrigerator.</i></p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No complete kitchen facilities for this household</p> <p>H4. How many rooms do you have in your living quarters?</p> <p><i>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</i></p> <p><input type="radio"/> 1 room <input type="radio"/> 6 rooms</p> <p><input type="radio"/> 2 rooms <input type="radio"/> 7 rooms</p> <p><input type="radio"/> 3 rooms <input type="radio"/> 8 rooms</p> <p><input type="radio"/> 4 rooms <input type="radio"/> 9 rooms or more</p> <p><input type="radio"/> 5 rooms</p> <p>H5. Is there hot and cold piped water in this building?</p> <p><input type="radio"/> Yes, hot and cold piped water in this building</p> <p><input type="radio"/> No, only cold piped water in this building</p> <p><input type="radio"/> No piped water in this building</p> <p>H6. Do you have a flush toilet?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No flush toilet</p> <p>H7. Do you have a bathtub or shower?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No bathtub or shower</p> <p>H8. Is there a basement in this building?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No, built on a concrete slab</p> <p><input type="radio"/> No, built in another way (include mobile homes and trailers)</p>	<p>H9. Are your living quarters—</p> <p><input type="radio"/> Owned or being bought by you or by someone else in this household? <i>Do not include cooperatives and condominiums here.</i></p> <p><input type="radio"/> A cooperative or condominium which is owned or being bought by you or by someone else in this household?</p> <p><input type="radio"/> Rented for cash rent?</p> <p><input type="radio"/> Occupied without payment of cash rent?</p> <p>H10a. Is this building a one-family house?</p> <p><input type="radio"/> Yes, a one-family house</p> <p><input type="radio"/> No, a building for 2 or more families or a mobile home or trailer</p> <p>b. If "Yes"—Is this house on a place of 10 acres or more, or is any part of this property used as a commercial establishment or medical office?</p> <p><input type="radio"/> Yes, 10 acres or more</p> <p><input type="radio"/> Yes, commercial establishment or medical office</p> <p><input type="radio"/> No, none of the above</p> <p>H11. If you live in a one-family house which you own or are buying—</p> <p>What is the value of this property; that is, how much do you think this property (house and lot) would sell for if it were for sale?</p> <p><input type="radio"/> Less than \$5,000</p> <p><input type="radio"/> \$5,000 to \$7,499</p> <p><input type="radio"/> \$7,500 to \$9,999</p> <p><input type="radio"/> \$10,000 to \$12,499</p> <p><input type="radio"/> \$12,500 to \$14,999</p> <p><input type="radio"/> \$15,000 to \$17,499</p> <p><input type="radio"/> \$17,500 to \$19,999</p> <p><input type="radio"/> \$20,000 to \$24,999</p> <p><input type="radio"/> \$25,000 to \$34,999</p> <p><input type="radio"/> \$35,000 to \$49,999</p> <p><input type="radio"/> \$50,000 or more</p> <p style="font-size: small; border: 1px solid black; padding: 2px; width: fit-content; margin-left: 100px;"><i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i></p> <p>H12. Answer this question if you pay rent for your living quarters.</p> <p>a. If rent is paid by the month—</p> <p>What is the monthly rent?</p> <p>Write amount here → \$ _____ .00 (Nearest dollar)</p> <p style="margin-left: 20px;"><i>and</i></p> <p style="margin-left: 20px;"><i>Fill one circle</i></p> <p><input type="radio"/> Less than \$30</p> <p><input type="radio"/> \$30 to \$39</p> <p><input type="radio"/> \$40 to \$49</p> <p><input type="radio"/> \$50 to \$59</p> <p><input type="radio"/> \$60 to \$69</p> <p><input type="radio"/> \$70 to \$79</p> <p><input type="radio"/> \$80 to \$89</p> <p><input type="radio"/> \$90 to \$99</p> <p><input type="radio"/> \$100 to \$119</p> <p><input type="radio"/> \$120 to \$149</p> <p><input type="radio"/> \$150 to \$199</p> <p><input type="radio"/> \$200 to \$249</p> <p><input type="radio"/> \$250 to \$299</p> <p><input type="radio"/> \$300 or more</p> <p>b. If rent is not paid by the month—</p> <p>What is the rent, and what period of time does it cover?</p> <p>\$ _____ .00 per _____</p> <p style="text-align: center; font-size: small;">(Nearest dollar) (Week, half-month, year, etc.)</p>	<p>FOR CENSUS ENUMERATOR'S USE ONLY</p> <table border="1" style="width:100%; border-collapse: collapse; font-size: small;"> <tr> <th style="width:50%;">a4. Block number</th> <th style="width:50%;">a5. Serial number</th> </tr> <tr> <td>0 0 0 0</td> <td>0 0 0 0</td> </tr> <tr> <td>1 0 0 0</td> <td>1 0 0 0</td> </tr> <tr> <td>2 0 0 0</td> <td>2 0 0 0</td> </tr> <tr> <td>3 0 0 0</td> <td>3 0 0 0</td> </tr> <tr> <td>4 0 0 0</td> <td>4 0 0 0</td> </tr> <tr> <td>5 0 0 0</td> <td>5 0 0 0</td> </tr> <tr> <td>6 0 0 0</td> <td>6 0 0 0</td> </tr> <tr> <td>7 0 0 0</td> <td>7 0 0 0</td> </tr> <tr> <td>8 0 0 0</td> <td>8 0 0 0</td> </tr> <tr> <td>9 0 0 0</td> <td>9 0 0 0</td> </tr> </table> <p>B. Type of unit or quarters</p> <p>Occupied</p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p>Vacant</p> <p><input type="radio"/> Regular</p> <p><input type="radio"/> Usual residence elsewhere</p> <p>Group quarters</p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p style="font-size: x-small;"><i>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</i></p> <p>C. Vacancy status</p> <p>Year round—</p> <p><input type="radio"/> For rent</p> <p><input type="radio"/> For sale only</p> <p><input type="radio"/> Rented or sold, not occupied</p> <p><input type="radio"/> Held for occasional use</p> <p><input type="radio"/> Other vacant</p> <p><input type="radio"/> Seasonal</p> <p><input type="radio"/> Migratory</p> <p>D. Months vacant</p> <p><input type="radio"/> Less than 1 month</p> <p><input type="radio"/> 1 up to 2 months</p> <p><input type="radio"/> 2 up to 6 months</p> <p><input type="radio"/> 6 up to 12 months</p> <p><input type="radio"/> 1 year up to 2 years</p> <p><input type="radio"/> 2 years or more</p> <p>C/O <input type="radio"/> <input type="radio"/></p>	a4. Block number	a5. Serial number	0 0 0 0	0 0 0 0	1 0 0 0	1 0 0 0	2 0 0 0	2 0 0 0	3 0 0 0	3 0 0 0	4 0 0 0	4 0 0 0	5 0 0 0	5 0 0 0	6 0 0 0	6 0 0 0	7 0 0 0	7 0 0 0	8 0 0 0	8 0 0 0	9 0 0 0	9 0 0 0
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APPENDIX B—Continued

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES
(Percent indicates sample size)

<p>H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, electricity not used</p> <hr/> <p>b. Gas?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, gas not used</p> <hr/> <p>c. Water?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <hr/> <p>d. Oil, coal, kerosene, wood, etc.?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p> <hr/> <p>H14. How are your living quarters heated? Fill <u>one</u> circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump</p> <p><input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard)</p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe → _____</p> <p><input type="radio"/> None, unit has no heating equipment</p> <hr/> <p>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1965 to 1968 <input type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier</p> <hr/> <p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input checked="" type="radio"/> A building for 10 to 19 families</p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p> <hr/> <p>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?— Skip to H19</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p> <hr/> <p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None)</p> <p><input type="radio"/> \$50 to \$249</p> <p><input type="radio"/> \$250 to \$2,499</p> <p><input type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$10,000 or more</p>	<p>H19. Do you get water from—</p> <p><input type="radio"/> A public system (city water department, etc.) or private company?</p> <p><input type="radio"/> An individual well?</p> <p><input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</p> <hr/> <p>H20. Is this building connected to a public sewer?</p> <p><input type="radio"/> Yes, connected to public sewer</p> <p><input type="radio"/> No, connected to septic tank or cesspool</p> <p><input type="radio"/> No, use other means</p> <hr/> <p>H21. How many bathrooms do you have? A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water. A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</p> <p><input type="radio"/> No bathroom, or only a half bathroom</p> <p><input type="radio"/> 1 complete bathroom</p> <p><input type="radio"/> 1 complete bathroom, plus half bath(s)</p> <p><input type="radio"/> 2 complete bathrooms</p> <p><input type="radio"/> 2 complete bathrooms, plus half bath(s)</p> <p><input type="radio"/> 3 or more complete bathrooms</p> <hr/> <p>H22. Do you have air-conditioning?</p> <p><input type="radio"/> Yes, 1 individual room unit</p> <p><input type="radio"/> Yes, 2 or more individual room units</p> <p><input type="radio"/> Yes, a central air-conditioning system</p> <p><input type="radio"/> No</p> <hr/> <p>H23. How many passenger automobiles are owned or regularly used by members of your household? Count company cars kept at home.</p> <p><input type="radio"/> None</p> <p><input type="radio"/> 1 automobile</p> <p><input type="radio"/> 2 automobiles</p> <p><input type="radio"/> 3 automobiles or more</p>
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15 and 5 percent

15 percent

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES
(Percent indicates sample size)

<p>H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, electricity not used</p> <p>b. Gas?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, gas not used</p> <p>c. Water? <input checked="" type="checkbox"/></p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <p>d. Oil, coal, kerosene, wood, etc.?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p> <p>H14. How are your living quarters heated? Fill <u>one</u> circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump</p> <p><input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard) <input checked="" type="checkbox"/></p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe → _____</p> <p><input type="radio"/> None, unit has no heating equipment</p> <p>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1965 to 1968 <input checked="" type="checkbox"/> <input type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier</p> <p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input checked="" type="radio"/> A building for 10 to 19 families <input checked="" type="checkbox"/></p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p> <p>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?—Skip to H24</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p> <p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None) <input checked="" type="checkbox"/></p> <p><input type="radio"/> \$50 to \$249 <input type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$250 to \$2,499 <input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$10,000 or more</p>	<p>H24a. How many stories (floors) are in this building?</p> <p><input type="radio"/> 1 to 3 stories</p> <p><input type="radio"/> 4 to 6 stories</p> <p><input type="radio"/> 7 to 12 stories</p> <p><input checked="" type="radio"/> 13 stories or more</p> <p>b. If 4 or more stories— Is there a passenger elevator in this building?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>H25a. Which fuel is used most for cooking? <input checked="" type="checkbox"/></p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/></p> <p> Bottled, tank, or LP <input type="radio"/></p> <p>Electricity <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/></p> <p>Coal or coke <input type="radio"/></p> <p>Wood <input type="radio"/></p> <p>Other fuel .. <input type="radio"/></p> <p>No fuel used <input type="radio"/></p> <p>b. Which fuel is used most for house heating? <input checked="" type="checkbox"/></p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/></p> <p> Bottled, tank, or LP <input type="radio"/></p> <p>Electricity <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/></p> <p>Coal or coke <input type="radio"/></p> <p>Wood <input type="radio"/></p> <p>Other fuel .. <input type="radio"/></p> <p>No fuel used <input type="radio"/></p> <p>c. Which fuel is used most for water heating? <input checked="" type="checkbox"/></p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/></p> <p> Bottled, tank, or LP <input type="radio"/></p> <p>Electricity <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/></p> <p>Coal or coke <input type="radio"/></p> <p>Wood <input type="radio"/></p> <p>Other fuel .. <input type="radio"/></p> <p>No fuel used <input type="radio"/></p> <p>H26. How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.</p> <p><input type="radio"/> No bedroom <input type="radio"/> 3 bedrooms</p> <p><input type="radio"/> 1 bedroom <input checked="" type="radio"/> 4 bedrooms</p> <p><input type="radio"/> 2 bedrooms <input type="radio"/> 5 bedrooms or more</p> <p>H27a. Do you have a clothes washing machine?</p> <p><input type="radio"/> Yes, automatic or semi-automatic</p> <p><input type="radio"/> Yes, wringer or separate spinner</p> <p><input type="radio"/> No</p> <p>b. Do you have a clothes dryer?</p> <p><input type="radio"/> Yes, electrically heated</p> <p><input type="radio"/> Yes, gas heated</p> <p><input type="radio"/> No <input checked="" type="checkbox"/></p> <p>c. Do you have a dishwasher (built-in or portable)?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>d. Do you have a home food freezer which is separate from your refrigerator?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>H28a. Do you have a television set? Count only sets in working order.</p> <p><input type="radio"/> Yes, one set</p> <p><input type="radio"/> Yes, two or more sets</p> <p><input type="radio"/> No</p> <p>b. If "Yes"—Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?</p> <p><input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p>H29. Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation.</p> <p><input type="radio"/> Yes, one or more <input type="radio"/> No</p> <p>H30. Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
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15 and 5 percent

5 percent

APPENDIX B—Continued

FACSIMILE OF THE RESPONDENT INSTRUCTIONS FOR THE HOUSING QUESTIONS IN THE 1970 CENSUS

If you live in an apartment building and you do not know the answers to questions H14, H15, H16, and H25, ask the person who runs your building (for example, the manager, rental agent, superintendent, janitor, etc.).

- A. Mark only one circle. This address means the house or building number where your living quarters are located.
- H1. Mark **Yes** and enter telephone number, even if the telephone is in another apartment or building.
- H2. Mark the second circle only if you must go through someone else's living quarters to get to your own.
- H3. The kitchen sink, stove, and refrigerator do not have to be in the same room.
Also used by another household means that someone else who lives in the same building, but is not a member of your household, also uses the equipment. Mark this circle also if the occupants of living quarters now vacant would also use the equipment.
- H4. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count kitchenettes, strip or pullman kitchens; utility rooms; or unfinished attics, basements, or other space used for storage.
- H5. Mark **hot water** even if you have it only part of the time.
- H6, H7. See instructions for H3 for meaning of **Also used by another household**.
- H8. A house has a **basement** if there is enclosed space in which persons can walk upright under all or part of the building. A house on a **concrete slab** has no basement and no air or crawl space below it. A house built **in another way** is one directly on the ground or resting on a foundation or posts to provide crawl space.
- H9. **Owned or being bought** means that the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.
Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.
Occupied without payment of cash rent includes, for example, a parsonage, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H10. A **commercial establishment** is easily recognized from the outside; for example, a grocery store or barber shop. A **medical office** is a doctor's or dentist's office regularly visited by patients. If your house is on a place of 10 acres or more and also contains a commercial establishment or medical office, mark **Yes, 10 acres or more**.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the land.
- H12. Report the rent agreed to or contracted for, even if the furnishings, utilities, or services are included.
a. If you pay rent by the month, write in the amount of rent and fill one circle.
b. If rent is not paid by the month, answer both parts of b. For example, \$20 per week, \$1,500 per year, etc.
- H13. If exact costs are not known, estimate as closely as possible. Report amounts even if bills are unpaid or are paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket () the two utilities.
- H14. This question refers to the type of heating equipment and not to the fuel used.
A **heat pump** is sometimes known as a **reverse cycle** system.
A **floor, wall, or pipeless furnace** delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. These furnaces do not have ducts leading to other rooms.
Any heater that you plug into an electric outlet should be counted as a **portable room heater**--not a built-in electric unit.
- H16. Count all occupied and vacant living quarters in the house or building, but not stores or office space.
Detached means there is open space on all sides, or the house is joined only to a shed or garage. **Attached** means that the house is joined to another house or building by at least one wall which goes from ground to roof.
- H17. A **city or suburban lot** is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a **city or suburban lot**.
A **place** is a farm, ranch, or any other property, other than a city or suburban lot, on which this residence is located.
- H18. Fill the circle for the total (gross) amount of money received from the sales of crops, livestock, and other farm products produced on this place during the calendar year 1969.
- H19. If a well provides water for six or more houses or apartments, mark a **public system**. If a well provides water for five or fewer houses or apartments, mark an **individual well**.
- H20. A **public sewer** is operated by a government body or a private organization. A **septic tank or cesspool** is an underground tank or pit used for disposal of sewage.
- H22. Count only equipment with a refrigeration unit to cool the air. Mark an **individual room unit** for air conditioners which are installed in a window or in an outside wall and are used to cool one or more rooms. Mark a **central system** for a central installation which cools the entire house or apartment.
- H23. Do not count cars permanently out of working order. Also do not count taxicabs, pickups, or larger trucks.
- H24a. Do not count a basement as a story.
b. Do not count elevators used only for freight.
- H25. **Gas from underground pipes** is piped in from a central system such as a public utility company or a municipal government. **Bottled, tank, or LP gas** is stored in tanks which are refilled or exchanged when empty. **Other fuel** includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.
- H27. Mark the **Yes** circle whether you own the appliance or it is provided as part of the equipment in your living quarters. Do not count coin-operated equipment or appliances in storage.
- H28. Count any set equipped to receive UHF (ultra high frequency) broadcasts, even if there are no such broadcasts in your area. Include sets that can be tuned directly to channels 14 to 83 and sets that receive UHF broadcasts by means of a converter. Also include sets that receive UHF broadcasts through a community antenna (CATV) or master antenna.
- H29. A battery-operated radio is one that can be run on batteries and does not need to be plugged into an electric socket. Include battery-operated sets owned by any member of the household.
- H30. Do not count vacation trailers, tents, or boats. Also do not count second homes used only for investment purposes.

Appendix C.—ACCURACY OF THE DATA

SOURCES OF ERROR.....	App-14
EDITING OF UNACCEPTABLE DATA	App-14
SAMPLE DESIGN	App-14
RATIO ESTIMATION	App-15
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SOURCES OF ERROR

Human and mechanical errors occur in any mass statistical operation such as a decennial census. Errors during the data collection phase can include failure to obtain required information from respondents, obtaining incorrect or inconsistent information, and recording information in the wrong place or incorrectly. Errors can also occur during the field review of the enumerator's work, the clerical handling of the questionnaires, the manual editing and coding operations, and the various stages of the electronic processing of the material. Careful efforts are made in every census to keep the errors in each step at an acceptably low level. Quality control and check measures are utilized throughout the census operation. As was done for the 1950 and 1960 censuses, evaluative material on many aspects of the 1970 census will be published as soon as the appropriate data are accumulated and analyzed. A major concern in the evaluation work is to ascertain, insofar as possible, the degree of completeness of the count of both population and housing units.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the Nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

Whenever information was missing, an allocation procedure was used to assign an entry, thereby eliminating the need for a "not reported" category in the tabulations. The assignment was based on related information reported for the housing unit or on information reported for a similar unit in the immediate neighborhood. For example, if tenure for an occupied unit was omitted but a rental amount was reported, the computer automatically edited tenure to "rented for cash rent." On the other hand, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit.

A similar procedure was used when the information reported for an item was inconsistent with other information reported for the unit. For example, if a housing unit was enumerated as having no piped water but having both a bathtub (or shower) and flush toilet for the exclusive use of the occupants of the unit, the computer edited water supply to "hot and cold water," a category considered to be consistent with the reported bathing and toilet facilities.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper micro-filming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

The extent of allocations for non-responses and inconsistencies is given

for SMSA's and places in the allocation tables in the 1970 Population Census PC(1)-B and PC(1)-C reports, and in the Housing Census HC(1)-A and HC(1)-B reports.

SAMPLE DESIGN

For sample data collected in the 1970 census, the housing unit, including all its occupants, was the sampling unit; for persons in group quarters identified in advance of the census, it was the person. In non-mail areas, the enumerator canvassed his assigned area and listed all housing units in an address register sequentially in the order in which he first visited the units, whether or not he completed the interview. Every fifth line of the address register was designated as a sample line, and the housing units listed on these lines were included in the sample. Each enumerator was given a random line on which he was to start listing and the order of canvassing was indicated in advance, although the instructions allowed some latitude in the order of visiting addresses. In mail areas, the list of housing units was prepared prior to Census Day either by employing commercial mailing lists corrected through the cooperation of the post office or by listing the units in a process similar to that used in non-mail areas. As in other areas, every fifth housing unit on these lists was designated to be in the sample. In group quarters, all persons were listed and every fifth person was selected for the sample; as indicated in Appendix B, information on the housing characteristics of group quarters was not collected in the census.

This 20-percent sample was subdivided into a 15-percent and a 5-percent sample by designating every fourth 20-percent sample unit as a

APPENDIX C—Continued

member of the 5-percent sample. The remaining sample units became the 15-percent sample. Two types of sample questionnaires were used, one for the 5-percent and one for the 15-percent sample units. Some questions were included on both the 5-percent and 15-percent sample forms and therefore appear for a sample of 20 percent of the units in the census. Other items appeared on either the 15-percent or the 5-percent questionnaires. The sample rates for the various items appearing in this report are shown in table A.

Although the sampling procedure did not automatically insure an exact 20-percent sample of persons or housing units in each locality, the sample design was unbiased if carried through according to instructions; generally for larger areas the deviation from 20 percent was found to be quite small. Biases may have arisen, however, when the enumerator failed to follow his listing and sampling instructions exactly. Quality control procedures were used throughout the census process, and where there was clear evidence that the sampling proce-

dures were not properly followed, some enumerators' assignments were returned to the field for resampling. Estimates for the United States as a whole indicate that 19.6 percent of the total population and 19.7 percent of the total housing units were enumerated on sample questionnaires. The computation of these proportions excluded several classes of the population and housing units for which no attempt at sampling was made. These were the relatively small numbers of persons and housing units (in most States, less than one percent) added to the enumeration from the post-census post office check, the various supplemental forms, and the special check of vacant units. However, the ratio estimation procedure described below adjusts the sample data to reflect these classes of population and housing units.

TABLE A. Sample Rate for Subjects Included in This Report

Subject	Sample rate (percent)	Subject	Sample rate (percent)
OCCUPANCY CHARACTERISTICS		EQUIPMENT AND APPLIANCES	
Occupied housing units	20	Heating equipment	20
Tenure	20	Air conditioning	15
Race	20	Automobiles available	15
Spanish heritage	15	Second home	5
Year moved into unit	15	Clothes washing machine	5
		Clothes dryer	5
VACANCY CHARACTERISTICS		Dishwasher	5
Vacant for sale	20	Home food freezer	5
Vacant for rent	20		
Duration of vacancy	20	FINANCIAL CHARACTERISTICS	
UTILIZATION CHARACTERISTICS		Value	20
Number of rooms	20	Sales price asked	20
Size of household (persons)	20	Gross rent	20
Persons per room	20	Rent asked	20
Bedrooms	5	Inclusion of utilities in rent	20
PLUMBING CHARACTERISTICS		Value-income ratio	20
Plumbing facilities	20	Gross rent as percentage of income	20
Complete bathrooms	15	HOUSEHOLD CHARACTERISTICS	
STRUCTURAL CHARACTERISTICS		Household composition	20
Complete kitchen facilities	20	Income	20
Access	20		
Units in structure	20		
Mobile home or trailer	20		
Year structure built	20		
Elevator in structure	5		

RATIO ESTIMATION

The statistics based on 1970 census sample data are estimates made through the use of ratio estimation procedures which were applied separately for the 5-, 15-, and 20-percent samples. The first step in carrying through the ratio estimates was to establish the areas within which separate ratios were to be prepared. These are referred to as "weighting areas." For the 15- and 20-percent samples the weighting areas contained a minimum population size of 2,500. The weighting areas used for the 5-percent ratio estimate were larger areas having a minimum population size of 25,000 and comprising combinations of the weighting areas used for the 15- and 20-percent samples. Weighting areas were established by a mechanical operation on the computer and were defined to conform, as nearly as possible, to areas for which tabulations are produced. Where these areas do

not agree (primarily for smaller areas), there may be some differences between complete counts and sample estimates.

The ratio estimation process operated in two stages for occupied housing units, and in one stage for vacant units. The first stage for occupied units employed 18 household-type groups (the first of which was empty by definition); the second stage for occupied units used four groups: owner- and renter-occupied units, by race. The single stage for vacant units employed three groups: year-round vacant for sale, year-round vacant for rent, and other vacant.

Group

Occupied housing units:

STAGE I

	<i>Male Head With Own Children Under 18</i>
1	1-person household
2	2-person household
3	3-person household
.	.
.	.
6	6-or-more-person household
	<i>Male Head Without Own Children Under 18</i>
7-12	1-person to 6-or-more-person households
	<i>Female Head</i>
13-18	1-person to 6-or-more-person households

STAGE II

	<i>Owner Occupied</i>
19	Negro
20	Not Negro
	<i>Renter Occupied</i>
21	Negro
22	Not Negro

Vacant housing units:

23	Year-round vacant for sale
24	Year-round vacant for rent
25	Other vacant

At each stage, for each of the occupied housing groups, the ratio of the complete count to the weighted sample count of the housing units in the group was computed and applied to the weight of each sample unit in the group. This operation was performed for each of the 18 groups in the first stage, then for the four groups in the second stage. As a rule, the weighted sample counts within each of the 4 groups in the second stage for occupied units should agree with the complete counts for the weighting areas (close, although not exact consistency can be expected for the 18 groups in the first stage). Similarly, the weighted sample counts within each of the 3 groups in the single stage for vacant housing units should agree with the complete counts for the weighting area.

There are some exceptions to this general rule, however. As indicated above, there may be differences between the complete counts and sample estimates when the tabulation area is not made up of whole weighting areas. Furthermore, in order to increase the reliability, a separate ratio was not computed in a group whenever certain criteria pertaining to the complete count of housing units and the magnitude of the weight were not met. For example, for the 20-percent sample the complete count of units in a group had to exceed 70 units and the ratio of the complete count to the unweighted sample count could not exceed 20. Where these criteria were not met, groups were combined in a specific order until the conditions were met. Where this occurred, con-

sistency between the weighted sample and the complete counts would apply as indicated above for the combined group but not necessarily for each of the groups in the combination.

Each sample housing unit was assigned an integral weight to avoid the complications involved in rounding in the final tables. If, for example, the final weight for a group was 5.2, one-fifth of the units in the group (selected at random) were assigned a weight of 6 and the remaining four-fifths a weight of 5.

The estimates realize some of the gains in sampling efficiency that would have resulted had the population been stratified into the groups before sampling. The net effect is a reduction in both the sampling error and possible bias of most statistics below what would be obtained by weighting the results of the sample by a uniform factor (e.g., by weighting the 20-percent sample results by a uniform factor of 5). The reduction in sampling error will be trivial for some items and substantial for others. A by-product of this estimation procedure is that estimates for this sample are, in general, consistent with the complete count for the housing unit groups used in the estimation procedure. A more complete discussion of the technical aspects of these ratio estimates will be presented in a separate report.

SAMPLING VARIABILITY

The estimates from the 20-, 15-, and 5-percent sample tabulations are subject to sampling variability. The standard errors of these estimates can be approximated by using the data in tables B through D. The chances are about 2 out of 3 that the difference (due to sampling variability) between the sample estimate and the figure that would have been obtained from a

complete count is less than the standard error. The chances are about 19 out of 20 that the difference is less than twice the standard error and about 99 out of 100 that it is less than $2\frac{1}{2}$ times the standard error. The amount by which the estimated standard error must be multiplied to obtain other odds deemed more appropriate can be found in most statistical textbooks. The sampling errors may be obtained by using the factors shown in table D in conjunction with table B for absolute numbers and in conjunction with table C for percentages. These tables reflect the effect of simple response variance, but not of bias arising in the collection, processing and estimation steps nor of the correlated errors enumerators introduce; estimates of the magnitude of some of these factors in the total error are being evaluated and will be published at a later date.

Table B shows approximate standard errors of estimated numbers for most statistics based on the 20-percent sample. In determining the figures for this table, some aspects of the sample design, the estimation process, and the size of the area over which the data have been compiled are ignored. Table C shows standard errors of most percentages based on the 20-percent sample. Linear interpolation in tables B and C will provide approximate results that are satisfactory for most purposes. Table D provides a factor by which the standard errors shown in tables B or C should be multiplied to adjust for the effect of the sample size (i.e., whether a 15-percent or 5-percent sample) and the effect of the estimation procedure.

To estimate the standard error for a given characteristic, locate the factor in table D for the appropriate characteristic and the sample size used to tabulate the data, and multiply this

factor by the standard error found in table B or C. Where data are shown as cross-classifications of two characteristics, locate and use the larger factor. Similarly, if an item, although collected on one sample basis, has been tabulated for a smaller sample, use the factor appropriate for the smaller sample.

The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference, the tables are to be used somewhat differently in the three following situations:

1. For a difference between the sample figure and one based on a complete count (e.g., arising from comparisons between sample statistics for 1970 and complete-count statistics for 1960 or 1950), the standard error is identical with the standard error of the 1970 estimate alone.
2. For a difference between two sample figures (that is, one from 1970 and the other from 1960, or both from the same census year), the standard error is approximately the square root of the sum of the squares of the standard errors of each estimate considered separately. This formula will represent the actual standard error quite accurately for the difference between estimates of the same characteristics in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive correlation between the two characteristics, the formula will overestimate the true standard error. The approximate standard error for the 1970 sample figure is derived directly from tables B

through D. The standard error of a 1960 sample figure may be obtained from the relevant 1960 census report.

3. For a difference between two sample estimates, one of which represents a subclass of the other, the tables can be used directly with the difference considered as the sample estimate.

The sampling variability of the medians presented in certain tables (median rooms, median value, median gross rent, etc.) depends on the size of the base and on the distribution on which the median is based. An approximate method for measuring the reliability of an estimated median is to determine an interval about the estimated median such that there is a stated degree of confidence the true median lies within the interval. As the first step in estimating the upper and lower limits of the interval (that is, the confidence limits) about the median, compute one-half the number on which the median is based (designated $N/2$). From table B, following the method outlined in other parts of this section, compute the standard error of an estimated number equal to $N/2$. Subtract this standard error from $N/2$. Cumulate the frequencies (in the table on which the median is based) until the total first exceeds the difference between $N/2$ and its standard error, and by linear interpolation obtain a value corresponding to this number. In a corresponding manner, add the standard error to $N/2$, cumulate the frequencies in the table, and obtain a value in the table on which the median is based corresponding to the sum of $N/2$ and its standard error.

The chances are about 2 out of 3 that the median would lie between these two values. The range for 19 chances out of 20 and for 99 in 100

can be computed in a similar manner by multiplying the standard error by the appropriate factors before subtracting from and adding to one-half the number reporting the characteristics. Interpolation to obtain the values corresponding to these numbers gives the confidence limits for the median.

TABLE B. Approximate Standard Error of Estimated Number Based on 20-Percent Sample

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated number ¹	Number of housing units in area ²						
	10,000	25,000	100,000	250,000	1,000,000	2,500,000	4,000,000
50	15	15	15	15	15	15	15
100	20	20	20	20	20	20	20
250	30	30	30	30	30	30	30
500	45	45	45	45	45	45	45
1,000	60	60	65	65	65	65	65
2,500	90	95	100	100	100	100	100
5,000	100	130	140	140	140	140	140
10,000 .....	...	150	190	200	200	200	200
15,000 .....	...	150	230	240	240	240	240
25,000 .....	...	...	270	300	310	310	320
50,000 .....	...	...	320	400	440	440	440
75,000 .....	...	...	270	450	520	540	540
100,000 .....	...	...	...	490	600	620	630

¹ For estimated numbers larger than 100,000, the relative errors are somewhat smaller than for 100,000.

² An area is the smallest complete geographic area to which the estimate under consideration pertains. Thus, the area may be the standard metropolitan statistical area or the place. Housing units with Negro heads of household or Spanish heritage heads of household do not represent complete areas.

TABLE C. Approximate Standard Error of Estimated Percentage Based on 20-Percent Sample

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated percentage	Base of percentage						
	500	1,000	2,500	10,000	25,000	100,000	250,000
2 or 98	1.3	0.9	0.6	0.3	0.2	0.1	0.1
5 or 95	2.0	1.4	0.9	0.4	0.3	0.1	0.1
10 or 90	2.7	1.9	1.2	0.6	0.4	0.2	0.1
25 or 75	3.9	2.7	1.7	0.9	0.5	0.3	0.2
50	4.5	3.2	2.0	1.0	0.6	0.3	0.2

TABLE D. Factor to be Applied to Standard Errors

Characteristic ¹	Factor if sample rate is—			Characteristic ¹	Factor if sample rate is—		
	20 percent	15 percent	5 percent		20 percent	15 percent	5 percent
OCCUPANCY AND VACANCY CHARACTERISTICS				EQUIPMENT, FUELS, AND APPLIANCES			
Year moved into unit .....	...	1.1	...	Heating equipment	0.8	0.9	...
Duration of vacancy	0.8	...	1.7	Air conditioning .....	...	1.1	...
UTILIZATION CHARACTERISTICS				FINANCIAL CHARACTERISTICS			
Rooms	1.0	1.1	2.1	Value	1.0	1.1	2.1
Size of household (persons)	0.5	0.6	1.2	Value-income ratio	1.0	1.2	...
Persons per room	0.4	0.5	0.9	Gross rent	0.9	1.1	2.1
Bedrooms .....	...	...	2.1	Gross rent as percentage of income	1.0	1.2	...
PLUMBING CHARACTERISTICS				HOUSEHOLD CHARACTERISTICS			
Complete bathrooms .....	...	1.1	...	Sales price asked	1.1	...	2.5
Plumbing facilities	1.0	...	...	Rent asked	1.1	...	2.5
STRUCTURAL CHARACTERISTICS				ALL OTHERS			
Units in structure	0.8	0.9	1.7	Household composition	0.6	0.7	...
Year structure built	0.9	1.0	...	Income in 1969	1.0	1.2	2.3
					1.0	1.2	2.2

¹Tabulations of housing data for households with heads of Spanish heritage are based on the 15-percent sample. For characteristics of households with heads of Spanish heritage (tables 19 to 26), use the factors given for the 15-percent sample.

NOTE: In this report an item collected for the 20-percent sample may be cross-tabulated with other items based on the 15-percent or 5-percent samples. In such cases, locate the factor for both items in Table D for the smaller sample size. Use the larger of the two factors. For example, in Table 9, duration of vacancy (a 20-percent item) is cross-tabulated by number of bedrooms (a 5-percent item). The factor for duration of vacancy based on a 5-percent sample is 1.7 and for bedrooms it is 2.1. The factor of 2.1 should be used to adjust the standard errors since it is the larger of the two factors based on the 5-percent sample.

Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

The results of the 1970 Census of Population and Housing are being issued in the form of printed reports, microfiche copies of the printed reports, computer summary tapes, computer printouts, and microfilm. Listed below are short descriptions of the final report series and computer tapes, as currently planned. More detailed information on this program can be obtained by writing to the Publications Distribution Section, Bureau of the Census, Washington, D.C. 20233.

Housing Census Reports

Volume I. HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain two chapters designated as A and B. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in two series designated as HC(1)-A and B, respectively.

- Series HC(1)-A.
**GENERAL HOUSING
CHARACTERISTICS**

Statistics on tenure, kitchen facilities, plumbing facilities, number of rooms, persons per room, units in structure, mobile home, telephone, value, contract rent, and vacancy status are presented for some or all of the following areas: States (by urban and rural residence), standard metropolitan statistical areas (SMSA's), urbanized areas, places of 1,000 inhabitants or more, and counties.

- Series HC(1)-B.
**DETAILED HOUSING
CHARACTERISTICS**

Statistics are presented on a more detailed basis for the subjects included in the Series HC(1)-A reports, as well as on such additional subjects as year moved into unit, year structure built, basement, heating equipment, fuels, air conditioning, water and sewage, appliances, gross rent, and ownership of second home. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, urbanized areas, places of 2,500 inhabitants or more, and counties (by rural and rural-farm residence).

Volume II. METROPOLITAN HOUSING CHARACTERISTICS

These reports, also designated as Series HC(2), cover most of the 1970 census housing subjects in considerable detail and cross-classification. There is one report for each SMSA, presenting data for the SMSA and its central cities and places of 50,000 inhabitants or more, as well as a national summary report.

Volume III. BLOCK STATISTICS

One report, under the designation Series HC(3), is issued for each urbanized area showing data for individual blocks on selected housing and population subjects. The series also includes reports for the communities outside urbanized areas which have contracted with the Census Bureau to provide block statistics from the 1970 census.

Volume IV. COMPONENTS OF INVENTORY CHANGE

This volume will contain data on the disposition of the 1960 inventory and the source of the 1970 inventory, such as new construction, conversions, mergers, demolitions, and other additions and losses. Cross-tabulations of 1970 and 1960 characteristics for units that have not changed and characteristics of the present and previous residence of recent movers will also be provided. Statistics will be shown for 15 selected SMSA's and for the United States and regions.

Volume V. RESIDENTIAL FINANCE

This volume will present data regarding the financing of privately owned nonfarm residential properties. Statistics will be shown on amount of outstanding mortgage debt, manner of acquisition of property, home-owner expenses, and other owner, property, and mortgage characteristics for the United States and regions.

Volume VI. ESTIMATES OF "SUBSTANDARD" HOUSING

This volume will present counts of "substandard" housing units for counties and cities, based on the number of units lacking plumbing facilities combined with estimates of units with all plumbing facilities but in "dilapidated" condition.

Volume VII. SUBJECT REPORTS

Each report in this volume will concentrate on a particular subject. Detailed information and cross-classifications will generally be provided on a national level; in some reports, data for States or SMSA's may also be shown. Among the subjects to be covered are housing characteristics by household composition, housing of minority groups and senior citizens, and households in mobile homes.

Population Census Reports

Volume I. CHARACTERISTICS OF THE POPULATION

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain four chapters designated as A, B, C, and D. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in four series designated as PC(1)-A, B, C, and D, respectively. The 58 PC(1)-A reports will be specially assembled and issued in a clothbound book, designated as Part A.

- Series PC(1)-A.
NUMBER OF INHABITANTS.

Final official population counts are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, all incorporated places, and unincorporated places of 1,000 inhabitants or more.

- Series PC(1)-B.
**GENERAL POPULATION
CHARACTERISTICS**

Statistics on age, sex, race, marital status, and relationship to head of household are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, and places of 1,000 inhabitants or more.

- Series PC(1)-C.
**GENERAL SOCIAL AND
ECONOMIC CHARACTERISTICS**

Statistics are presented on nativity and parentage, State or country of birth, Spanish origin, mother tongue, residence 5 years ago, year moved into present house, school enrollment (public or private), years of school completed, vocational training, number of children ever born, family composition, disability, veteran status, employment status, place of work, means of transportation to work, occupation group, industry group, class of worker, and income (by type) in 1969 of families and individuals. Each subject is shown for some or all of the following areas: States, counties (by urban, rural-nonfarm, and rural-farm residence), SMSA's urbanized areas, and places of 2,500 inhabitants or more.

■ Series PC(1)-D.

DETAILED CHARACTERISTICS

These reports cover most of the subjects shown in Series PC(1)-C, above, presenting the data in considerable detail and cross-classified by age, race, and other characteristics. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, and large cities.

Volume II.

SUBJECT REPORTS

Each report in this volume, also designated as Series PC(2), will concentrate on a particular subject. Detailed information and cross-relationships will generally be provided on a national and regional level; in some reports, data for States or SMSA's will also be shown. Among the characteristics to be covered are national origin and race, fertility, families, marital status, migration, education, unemployment, occupation, industry, and income.

Joint Population-Housing Reports

Series PHC(1).

CENSUS TRACT REPORTS

This series contains one report for each SMSA, showing data for most of the population and housing subjects included in the 1970 census.

Series PHC(2).

GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970

This series consists of one report for each State and the District of Columbia, as well as a national summary report, presenting statistics for the State and for SMSA's and their central cities and constituent counties. Comparative 1960 and 1970 data are shown on population counts by age and race and on such housing subjects as tenure, plumbing facilities, value, and contract rent.

Series PHC(3).

EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS

This series consists of approximately 70 reports, each presenting statistics on the social and economic characteristics of the residents of a particular low-income area. The data relate to low-income neighborhoods in 51 cities and seven rural poverty areas. Each report provides statistics on employment and unemployment, education, vocational training, availability for work,

job history, and income, as well as on value or rent and number of rooms in the housing unit.

Additional Reports

Series PHC(E).

EVALUATION REPORTS

This open series will present the results of the extensive evaluation program conducted as an integral part of the 1970 census program, and relating to such matters as completeness of enumeration and quality of the data on characteristics.

Series PHC(R).

PROCEDURAL REPORTS

This open series presents information on various administrative and methodological aspects of the 1970 census, and will include a comprehensive procedural history of the 1970 census. The first report issued focuses on the forms and procedures used in the data collection phase of the census.

Computer Summary Tapes

The major portion of the results of the 1970 census is produced in a set of six tabulation counts. To help meet the needs of census users, these counts are being designed to provide data with much greater subject and geographic detail than it is feasible or desirable to publish in printed reports. The data so tabulated are generally available—subject to suppression of certain detail where necessary to protect confidentiality—on magnetic computer tape, printouts, and microfilm, at the cost of preparing the copy.

First Count—source of the PC(1)-A reports; contains about 400 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for each of the approximately 250,000 enumeration districts in the United States.

Second Count—source of the PC(1)-B, HC(1)-A, and part of the PHC(1) reports; contains about 3,500 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States.

Third Count—source of the HC(3) reports; contains about 250 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for approximately 1,500,000 blocks in the United States.

Fourth Count—source of the PC(1)-C, HC(1)-B, and part of the PHC(1) reports; contains about 13,000 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States; also contains about 30,000 cells of data for each county.

Fifth Count—contains approximately 800 cells of population and housing data for 5-digit ZIP code areas in SMSA's and 3-digit ZIP code areas outside SMSA's; the ZIP code data are available only on tape.

Sixth Count—source of the PC(1)-D and HC(2) reports; contains about 260,000 cells of data covering the subjects in these reports and tabulated for States, SMSA's, and large cities.

The tapes are generally organized on a State basis. To use the First Count and Third Count tapes, it is necessary to purchase the appropriate enumeration district and block maps.

The term "cells" used herein to indicate the scope of subject content of the several counts refers to each figure or statistic in the tabulation for a specific geographic area. For example, in the Third Count, there are six cells for a cross-classification of race by sex: three categories of race (white, Negro, other race) by two categories of sex (male, female).

In addition to the above-mentioned summary tapes, the Census Bureau makes available for purchase certain sample tape files containing population and housing characteristics as shown on individual census records. These files contain no names or addresses, and the geographic identification is sufficiently broad to protect confidentiality. There are six files, each containing a 1-percent national sample of persons and housing units. Three of the files are drawn from the population covered by the census 15-percent sample and three from the population in the census 5-percent sample. Each of these three files provides a different type of geographic information: One identifies individual large SMSA's and, for the rest of the country, groups of counties; the second individual States and, where they are sufficiently large, provides urban-rural and metropolitan-nonmetropolitan detail; and the third State groups and size of place, with each individual record showing selected characteristics of the persons's neighborhood.

U.S. DEPARTMENT OF COMMERCE
Social and Economic Statistics Administration
BUREAU OF THE CENSUS
Washington, D.C. 20233

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OFFICIAL BUSINESS

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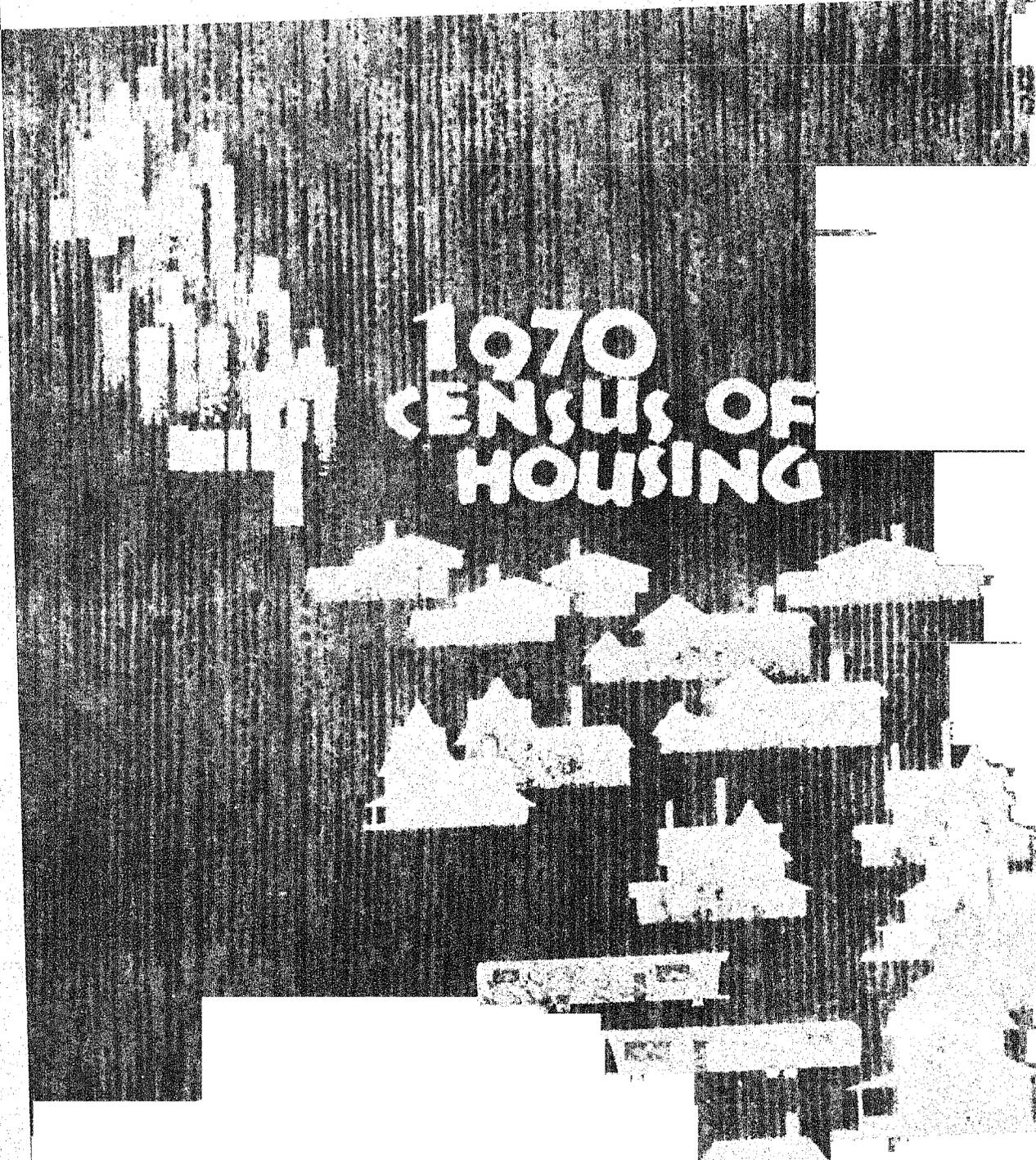
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COMMERCE
PUBLICATION



Metropolitan Housing Characteristics

MADISON, WIS.
STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-126

A large graphic for the 1970 Census of Housing. The background is dark with a vertical wood-grain texture. On the left, there is a stylized white silhouette of a city skyline with several skyscrapers of varying heights. In the center, the text "1970 CENSUS OF HOUSING" is written in large, bold, white, sans-serif capital letters. Below the text, there is a cluster of white silhouettes of various house types, including single-story bungalow-style homes, two-story houses, and some with gabled roofs. The overall composition is clean and modern for its time.

1970
CENSUS OF
HOUSING

U.S. DEPARTMENT
OF COMMERCE
Social and Economic
Statistics Administration

BUREAU OF
THE CENSUS

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Conrad Taeuber, Associate Director
Daniel B. Levine, Acting Deputy Associate Director
David L. Kaplan, 1970 Census Coordinator

HOUSING DIVISION

Arthur F. Young, Chief

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This report was planned and written in the Housing Division under the supervision of **Arthur F. Young**, Chief, by **Aaron Josowitz**, Assistant Division Chief, **Nathan Krevor**, Chief, Coordination and Research Branch, and **Paul F. Coe**, assisted by **Robert W. Bonnette**, **William Downs**, and **Edward D. Montfort**.

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Systems and processing procedures were developed under the direction of **Morris Gorinson**, Assistant Chief, Demographic Census Staff. **Florence Wright**, assisted by **Orville M. Siye** and **Erne Wilkins**, was responsible for the clerical procedures and **Roger O. Lepage**, assisted by **Howard N. Hamilton**, **William Norfolk**, and **Eleanor Banks**, was responsible for the computer programming. **Donald R. Dalzell** was responsible for the computer procedures and programs used for the electronic preparation of the tables in this report.

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**1970
CENSUS OF
HOUSING**

Metropolitan
Housing
Characteristics

MADISON, WIS.

**STANDARD METROPOLITAN
STATISTICAL AREA**

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1	United States and Regions	43	Chattanooga, Tenn.-Ga. SMSA	85	Greensboro-Winston-Salem-High Point, N.C. SMSA
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140	Muncie, Ind. SMSA
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179	Richmond, Va. SMSA
180	Roanoke, Va. SMSA
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190	Salt Lake City, Utah SMSA
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192	San Antonio, Tex. SMSA
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196	San Jose, Calif. SMSA
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198	Santa Rosa, Calif. SMSA
199	Savannah, Ga. SMSA
200	Scranton, Pa. SMSA
201	Seattle-Everett, Wash. SMSA
202	Sherman-Denison, Tex. SMSA
203	Shreveport, La. SMSA
204	Sioux City, Iowa-Nebr. SMSA
205	Sioux Falls, S. Dak. SMSA
206	South Bend, Ind. SMSA
207	Spokane, Wash. SMSA
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209	Springfield, Mo. SMSA
210	Springfield, Ohio SMSA

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213	Steubenville-Weirton, Ohio-W. Va. SMSA
214	Stockton, Calif. SMSA
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218	Tampa-St. Petersburg, Fla. SMSA
219	Terre Haute, Ind. SMSA
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221	Toledo, Ohio-Mich. SMSA
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227	Tyler, Tex. SMSA
228	Utica-Rome, N.Y. SMSA
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232	Washington, D.C.-Md.-Va. SMSA
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235	West Palm Beach, Fla. SMSA
236	Wheeling, W. Va.-Ohio SMSA
237	Wichita, Kans. SMSA
238	Wichita Falls, Tex. SMSA
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240	Wilmington, Del.-N.J.-Md. SMSA
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TABLE FINDING GUIDE—Cross-Classification of Subjects by Table Number

This guide lists all subjects covered in this report. An asterisk (*) indicates that data are shown for housing units with Negro head of household, and the dagger symbol (†) means that the data are shown for housing units with household head of Spanish heritage; these data are shown when an area has 25,000 or more Negro or Spanish heritage population, respectively.

Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rent asked
OCCUPANCY AND VACANCY CHARACTERISTICS										
Year moved into unit	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Duration of vacancy	—	—	—	g ¹	9	9	—	—	—	9
UTILIZATION CHARACTERISTICS										
Number of rooms	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	5, 15*, 23†	—	6, 16*, 24†	—	5, 15*, 23†	9	—
Size of household (persons)	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	8, 18*, 26†	8, 18*, 26†	—	—	—
Number of bedrooms	1, 11*	2, 12*	3, 13*	—	5, 15*	6, 16*	—	8, 18*	9	10
Persons per room	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
PLUMBING CHARACTERISTICS										
Plumbing facilities	—	—	—	—	—	—	—	—	9	10
Plumbing facilities by persons per room	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
Complete bathrooms	1, 11*, 19†	2, 12*, 20†	—	—	5, 15*, 23†	—	—	8, 18*, 26†	—	—
STRUCTURAL CHARACTERISTICS										
Units in structure	—	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	—	7, 17*, 25†	8, 18*, 26†	9	10
Year structure built	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	6, 16*, 24†	—	8, 18*, 26†	9	10
Elevator in structure	—	2, 12*	—	—	—	—	—	—	—	—
EQUIPMENT AND APPLIANCES										
Heating equipment	1, 11*, 19†	—	—	4, 14*, 22†	—	6, 16*, 24†	—	—	9	—
Air conditioning	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Automobiles available	—	—	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Second home	—	—	3, 13*	—	—	—	—	—	—	—
Automatic clothes washing machine	—	—	3, 13*	—	—	—	—	—	—	—
Clothes dryer	—	—	3, 13*	—	—	—	—	—	—	—
Dishwasher	—	—	3, 13*	—	—	—	—	—	—	—
Home food freezer	—	—	3, 13*	—	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS										
Value	—	—	1, 11*, 19†	1, 11*, 19†	1, 11*, 19†	—	1, 11*, 19†	1, 11*, 19†	—	—
Value-income ratio	—	—	—	4, 14*, 22†	5, 15*, 23†	—	7, 17*, 25†	8, 18*, 26†	—	—
Gross rent	—	—	2, 12*, 20†	2, 12*, 20†	2, 12*, 20†	6, 16*, 24†	7, 17*, 25†	2, 12*, 20†	—	—
Gross rent as percentage of income	—	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	—	7, 17*, 25†	8, 18*, 26†	—	—
Gross rent as percentage of income by income	—	2	—	—	—	—	—	—	—	—
Sales price asked	—	—	—	10 ¹	—	—	—	—	9	—
Rent asked	—	—	—	10 ¹	—	10	—	—	9	—
Inclusion of utilities in rent	—	—	—	—	—	—	—	—	—	10
HOUSEHOLD CHARACTERISTICS										
Household composition by age of head	1, 11*, 19†	7, 17*, 25†	7, 17*, 25†	7, 17*, 25†	—	7, 17*, 25†	—	8, 18*, 26†	—	—
Income in 1969	1, 11*, 19†	2, 12*, 20†	—	4, 14*, 22†	3, 13*, 21†	6, 16*, 24†	7, 17*, 25†	3, 13*, 21†	—	—

¹ Vacant units tabulated by plumbing facilities only.

INTRODUCTION

APPENDIXES

A. Area Classifications	App-1
B. Definitions and Explanations of Subject Characteristics ...	App-2
C. Accuracy of the Data	App-14
D. Publication and Computer Summary Tape Program	App-20

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GENERAL

This report presents cross-tabulations of housing and household characteristics from the 1970 Census of Population and Housing for the standard metropolitan statistical area, its central city or cities, and its places of 50,000 inhabitants or more. Legal provision for this census, which was conducted as of April 1, 1970, was made in the Act of Congress of August 31, 1954 (amended August 1957), which codified Title 13, United States Code.

This report series contains 248 reports as listed on page II. There is one report for each standard metropolitan statistical area (recognized as of February 1971) in the United States and Puerto Rico, as well as a summary report for the United States.

This series of reports is one of the several series which present the information compiled from the census. For a description of the full data dissemination program of the 1970 Population and Housing Census, see Appendix D, "Publication and Computer Summary Tape Program."

The content and procedures of the 1970 census were determined after evaluation of the results of the 1960 census, consultation with a wide variety of users of census data, and extensive field pretesting. A number of

changes were introduced in 1970 to improve the usefulness of the census results. For most of the characteristics shown in this report, the changes do not, however, affect to any appreciable extent the comparability of the 1970 data with those for 1960; further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in later reports of the 1970 census.

Organization of the text.—The text consists of this introduction and four appendixes which appear after the tables. Appendix A describes the various area classifications (e.g., places, standard metropolitan statistical areas, etc.) and briefly explains the residence rules used in counting the population. Appendix B provides definitions and explanations for the subjects covered in this report, including facsimiles of the 1970 census questionnaire pages and a facsimile of the instruction sheet. Appendix C presents information on sources of error in the data, editing procedures, the sample design, ratio estimation, and sampling variability. Appendix D summarizes the data dissemination program of the 1970 census.

Content of the tables.—A series of standard tables is presented for each area shown in this report. Tables 1 to 8 present statistics for owner-occupied and renter-occupied units. Tables 9 and 10 present statistics for vacant units, separately for units for

sale and for units for rent. Data for housing units with Negro head of household are presented in tables 11 to 18, and data for housing units with heads of Spanish heritage (i.e., heads of Spanish language or surname or of Puerto Rican birth or parentage) are presented in tables 19 to 26; these tables, which have the same subject content as tables 1 to 8, are published for those standard metropolitan statistical areas, cities or places that have a population of 25,000 or more for the particular group. The finding guide on page IV lists the characteristics covered in this report and shows the tables in which the various types of statistics appear.

The prefix letter "A" has been assigned to the tables for the total standard metropolitan statistical area; tables for the central cities and places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.

Sample size.—The statistics presented in this report are based on a sample of housing units. More specifically, the data are derived from the 15-percent and 5-percent sample questionnaires (see "Data Collection Procedures," below). Some items appeared on both sample questionnaires and, therefore, are based on a 20-percent sample of housing units. The sampling rate for each subject is shown in table A of Appendix C, "Accuracy of the Data." Appendix C also presents information on the sampling variability associated with these data.

Statistics for some subgroups (e.g., households in owner-occupied units with incomes of less than \$2,000 or renter-occupied 1-room units) may differ from table to table or within the same table when the figures are tabulated from different samples.

Derived figures (medians, etc.).—Shown in this report are medians as well as certain percentages and ratios. The median, which is a type of average, is the middle value in a distribution; i.e., the median divides the distribution into two equal parts—one-half of the cases fall below the median and one-half of the cases exceed the median. For all types of derived figures in this report, the figure is not presented (but indicated by three dots "...") if there are fewer than the prescribed number of units in the distribution or the base. For the 20-percent sample, the minimum number of housing units is 100; for the 15-percent sample, the minimum is 132; and for the 5-percent sample, the minimum is 400.

Medians for rooms and persons are rounded to the nearest tenth, for value to the nearest hundred dollars, and for rent to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 rooms" is treated as an interval ranging from 2.5 up to 3.5 rooms. In computing median rent, units reported as "no cash rent" are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. When the median falls in the lower terminal category of an open-end distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category "Less than \$5,000," it is shown as "\$5,000—." When the median falls in the upper terminal category of an open-end distribution, the method of presentation is to show the initial value of the

terminal category followed by a plus sign; thus, for example, if the median falls in the category "\$50,000 or more," it is shown as "\$50,000+."

Symbols.—A dash "—" signifies zero. Three dots "..." mean not applicable, or that the base for a derived figure is too small for it to be shown, or that the data are being withheld to avoid disclosure of information for individual housing units. The symbol "U" means that the place is unincorporated.

Boundaries.—The data shown for 1970 relate to the boundaries as they existed on January 1, 1970. Information on boundary changes between 1960 and 1970 for certain types of areas is given in the 1970 Population Census PC(1)-A reports.

DATA COLLECTION PROCEDURES

The 1970 census was conducted primarily through self-enumeration. In 1960, self-enumeration was first introduced on a nationwide scale as a substitute for the traditional census direct interview.

A census questionnaire was delivered by postal carriers to every household several days before Census Day, April 1, 1970. This questionnaire contained certain explanatory information and was accompanied by an instruction sheet; in areas with comparatively large proportions of Spanish-speaking persons, a Spanish version of the instruction sheet was also enclosed. Some of this material is reproduced in Appendix B, "Definitions and Explanations of Subject Characteristics."

In the larger metropolitan areas and some adjacent counties, altogether containing about three-fifths of the

population of the United States, the householder was requested to fill out and mail back the form on Census Day. Approximately 87 percent of the householders did so. The mailed-back forms were reviewed by the census enumerator (or, in some localities, a census clerk) and if the form was determined to be incomplete or inconsistent, a followup was made. The bulk of these followups were made by telephone, the rest by personal visit. For the households that did not mail back their forms, a followup was also made, in almost all cases by personal visit and in the remainder by telephone; vacant units were enumerated by personal visit.

For the remaining two-fifths of the population, the householder was requested to fill out the form and give it to the enumerator when he called; approximately 80 percent did so. Incomplete and unfilled forms were completed by interview during the enumerator's visit.

Three types of questionnaires were used throughout the country: 80 percent of the households answered a form containing a limited number of population and housing questions and the remainder, split into 15-percent and 5-percent samples, answered forms which contained these questions as well as a number of additional questions. Some of the additional questions were the same on the 15-percent and 5-percent versions; others were different. A random procedure was used to determine which of the three forms any particular household answered.

In the metropolitan and adjacent areas, the designated type was sent to each household. In the remaining areas, the questionnaire with a limited number of questions was distributed to all households and the enumerators

INTRODUCTION—Continued

interviewed for the additional questions in those households designated for the 15-percent and 5-percent samples.

The subjects covered in this report are all drawn from the 15-percent and 5-percent sample questionnaires.

PROCESSING PROCEDURES

The 1970 census questionnaires were specially designed to be processed by FOSDIC (Film Optical

Sensing Device for Input to Computers). Respondents and enumerators (and for some few items, census clerks) marked the answers in predesignated positions which could be "read" by FOSDIC, from a microfilm copy of the questionnaire, onto computer magnetic tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing

and tabulation steps (see Appendix C, "Accuracy of the Data"). One of the end results of this operation was a computer tape from which the tables in this report were prepared on a cathode-ray-tube phototypesetting machine at the Government Printing Office. Another end result was the summary tape which is available for purchase, as described in Appendix D, "Publication and Computer Summary Tape Program."

CONTENTS

METROPOLITAN HOUSING CHARACTERISTICS

Madison, Wis.

STANDARD METROPOLITAN STATISTICAL AREA

[Page numbers listed here omit the SMSA prefix number which appears as part of the page number for each page. The prefix for this SMSA is 126.]

page

MAP

Counties, Standard Metropolitan
Statistical Areas, and Selected Places

XI

INDEX OF TABLES

[The prefix letter "A" refers to tables for the total SMSA; tables for central cities and for places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.]

Area	Prefix letter	Tables 1-10	Tables 11-18	Tables 19-26
		<i>Pages</i>	<i>Pages</i>	<i>Pages</i>
Total SMSA	A	1 to 9	—	—
Madison	B	10 to 18	—	—

CONTENTS—Continued

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[Tables 11 to 18 are shown if an area has 25,000 or more Negro population and tables 19 to 26 are shown if an area has 25,000 or more population of Spanish language]

TABLE

1	Value of Owner Occupied Housing Units: 1970
2	Gross Rent of Renter Occupied Housing Units: 1970
3	Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970
4	Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units: 1970
5	Rooms in Owner and Renter Occupied Housing Units: 1970
6	Units in Structure for Owner and Renter Occupied Housing Units: 1970
7	Household Composition for Owner and Renter Occupied Housing Units: 1970
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10	Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970
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13	Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
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TABLE

15	Rooms in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
16	Units in Structure for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
17	Household Composition for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
18	Persons in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
19	Value of Owner Occupied Housing Units With Household Head of Spanish Language: 1970
20	Gross Rent of Renter Occupied Housing Units With Household Head of Spanish Language: 1970
21	Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
22	Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
23	Rooms in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
24	Units in Structure for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
25	Household Composition for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
26	Persons in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970

NOTE

The data shown in the tables do not reflect corrections in the housing unit counts for certain areas in this SMSA; see "Correction Note" (page 6) in the 1970 Housing Census HC(1)-A reports.

Table A-1. Value of Owner Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	41 125	189	589	1 087	2 418	3 229	9 640	9 898	8 994	3 675	1 406	21 700
ROOMS												
1 and 2 rooms	80	4	5	13	19	5	14	20	—	—	—	...
3 rooms	401	50	60	59	75	40	41	41	25	10	—	11 100
4 rooms	3 550	44	116	271	677	766	1 130	353	155	23	15	14 700
5 rooms	13 023	62	161	289	713	1 023	4 640	4 177	1 731	193	34	19 700
6 rooms	11 278	10	129	291	533	882	2 423	3 255	2 967	683	105	22 100
7 rooms	6 851	8	97	110	233	318	944	1 343	2 479	1 084	235	26 500
8 rooms or more	5 942	11	21	54	168	195	448	709	1 677	1 682	1 017	33 300
Median	5.8	4.4	5.2	5.2	5.1	5.3	5.3	5.6	6.4	7.4	7.5+	...
PERSONS												
1 person	3 697	85	185	217	567	441	1 063	583	404	114	38	16 600
2 persons	10 921	69	180	481	906	1 196	2 622	2 301	2 000	790	376	20 000
3 persons	6 576	14	84	125	327	514	1 644	1 621	1 521	520	206	21 800
4 persons	7 910	10	42	122	285	418	1 769	2 234	1 903	861	266	22 900
5 persons	5 706	5	50	56	123	328	1 207	1 499	1 543	647	248	23 600
6 persons or more	6 315	6	48	86	210	332	1 335	1 660	1 623	743	272	23 400
Median	3.4	1.6	2.1	2.2	2.2	2.5	3.2	3.2	3.8	4.0	3.8	...
Units with roomers, boarders, or lodgers	955	5	15	39	63	96	257	194	169	83	34	20 100
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	40 635	117	467	1 013	2 343	3 171	9 593	9 874	8 976	3 675	1 406	21 800
0.50 or less	19 321	92	271	647	1 543	1 815	4 269	3 806	3 989	1 912	977	21 300
0.51 to 1.00	18 573	25	149	291	666	1 123	4 417	5 157	4 617	1 709	419	22 500
1.01 to 1.50	2 477	—	37	59	121	204	809	839	354	44	10	20 100
1.51 or more	264	—	10	16	13	29	29	72	16	10	—	18 700
Lacking some or all plumbing facilities	490	72	122	74	75	58	47	24	18	—	—	9 200
0.50 or less	347	46	87	50	63	42	27	19	13	—	—	9 500
0.51 to 1.00	126	20	29	24	7	16	20	5	—	—	—	9 000
1.01 to 1.50	17	6	6	—	—	—	—	—	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	...
BEDROOMS												
None and 1	823	38	38	101	125	—	249	73	21	—	23	14 300
2	7 613	138	285	510	919	1 160	2 561	1 162	760	78	40	16 200
3	24 134	62	264	327	911	1 602	5 260	7 628	5 856	1 873	351	22 400
4 or more	8 786	34	54	166	263	396	1 213	1 570	2 462	1 767	861	27 800
YEAR STRUCTURE BUILT												
1969 to March 1970	1 273	—	6	6	7	—	45	236	559	268	146	31 000
1965 to 1968	5 267	15	9	12	26	31	366	1 209	2 183	1 060	356	29 400
1960 to 1964	5 849	4	10	11	22	126	1 050	1 884	1 796	734	212	24 500
1950 to 1959	12 126	5	38	49	392	704	3 473	3 796	2 592	747	330	21 800
1940 to 1949	4 558	37	69	162	353	706	1 508	945	587	150	41	18 200
1939 or earlier	12 052	128	457	847	1 618	1 662	3 198	1 828	1 277	716	321	16 900
COMPLETE BATHROOMS												
1 and 1 1/2	32 672	95	438	941	2 288	3 021	9 273	8 632	6 399	1 426	159	20 200
2 and 2 1/2	6 934	7	6	8	93	95	393	1 083	2 457	1 960	832	32 300
3 or more	815	—	—	—	—	8	6	14	71	233	483	50000+
None or also used by another household	643	58	128	106	129	86	79	31	19	7	—	10 600
HOUSEHOLD COMPOSITION												
Two-or-more-person households	37 428	104	404	870	1 851	2 788	8 577	9 315	8 590	3 561	1 368	22 200
Male head, wife present, no nonrelatives	33 799	80	315	733	1 578	2 379	7 570	8 544	7 993	3 346	1 261	22 500
Under 25 years	411	5	20	48	20	48	139	112	35	4	—	17 800
25 to 34 years	6 726	5	52	84	212	381	1 458	2 203	1 793	462	76	22 700
35 to 44 years	9 221	11	43	96	183	390	1 866	2 369	2 538	1 280	445	24 300
45 to 64 years	13 598	39	105	330	645	1 005	3 204	3 210	3 062	1 380	618	22 300
65 years and over	3 843	25	110	203	490	555	903	650	565	220	122	17 900
Other male head	946	4	46	52	91	100	238	158	142	73	42	18 800
Under 65 years	651	4	25	23	54	59	176	131	118	40	21	19 600
65 years and over	295	—	21	29	37	41	62	27	24	33	21	16 000
Female head	2 683	20	43	85	182	309	769	613	455	142	65	19 500
Under 65 years	1 854	16	25	55	112	195	521	444	361	81	21	17 600
65 years and over	829	4	18	30	70	114	248	169	94	61	44	20 000
One-person households	3 697	85	185	217	567	441	1 063	583	404	114	38	16 600
Under 65 years	1 511	29	39	51	260	129	442	277	201	69	14	17 800
65 years and over	2 186	56	146	166	307	312	621	306	203	45	24	15 800
INCOME IN 1969												
Less than \$2,000	1 889	86	144	183	283	274	353	247	198	86	35	14 800
\$2,000 to \$2,999	1 144	19	42	76	172	171	342	195	116	11	—	16 200
\$3,000 to \$3,999	1 300	6	48	76	194	200	446	198	93	30	9	16 300
\$4,000 to \$4,999	1 140	9	36	50	161	172	336	164	151	32	29	17 000
\$5,000 to \$5,999	1 222	14	40	72	199	179	330	209	132	33	14	16 600
\$6,000 to \$6,999	1 353	19	48	87	141	182	420	236	153	54	13	17 100
\$7,000 to \$9,999	5 997	26	140	267	456	699	1 946	1 391	831	195	46	18 700
\$10,000 to \$14,999	13 496	10	75	168	589	972	3 507	4 151	3 216	668	140	21 700
\$15,000 to \$24,999	10 168	—	16	97	200	333	1 813	2 656	3 262	1 483	308	24 900
\$25,000 or more	3 416	—	—	11	23	47	147	842	842	1 083	812	37 600
Median	\$12 400	\$2 400	\$5 600	\$7 000	\$7 400	\$8 900	\$10 900	\$12 800	\$14 400	\$19 900	\$30 100	...
YEAR MOVED INTO UNIT												
1969 to March 1970	4 200	—	65	55	150	280	631	869	1 345	562	243	25 400
1968	3 737	27	14	52	100	120	590	1 003	1 114	495	222	24 800
1967	2 904	12	14	15	135	134	677	732	888	226	71	23 200
1965 and 1966	5 386	7	80	86	165	329	1 104	1 401	1 317	664	233	23 300
1960 to 1964	8 413	19	45	133	392	518	2 141	2 276	1 900	740	249	22 100
1950 to 1959	10 316	44	98	339	761	913	2 942	2 558	1 774	591	296	20 100
1949 or earlier	6 108	51	256	375	807	916	1 666	921	608	348	160	16 700
HEATING EQUIPMENT												
Steam or hot water	5 655	—	43	118	202	322	1 076	1 295	1 473	799	327	24 100
Warm-air furnace	33 686	71	346	756	1 925	2 695	8 230	8 419	7 413	2 795	1 036	21 700
Built-in electric units	157	—	—	—	4	5	49	32	14	26	27	23 200
Floor, wall, or pipeless furnace	444	10	48	59	101	42	83	55	23	18	5	12 700
Other means	1 179	104	152	154	186	165	202	97	71	37	11	12 400
None	4	4	—	—	—	—	—	—	—	—	—	...
AIR CONDITIONING												
Room units	9 917	12	84	140	655	745	2 419	2 768	2 143	723	228	21 600
Central system	3 816	6	—	27	46	56	359	645	1 014	1 016	647	32 600
None	27 331	142	488	888	1 809							

Table A-2. Gross Rent of Renter Occupied Housing Units: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	37 160	851	604	637	1 213	4 206	4 712	10 203	9 600	3 560	434	940	137
ROOMS													
1 room	3 000	446	301	289	223	645	524	385	136	15	9	27	89
2 rooms	3 600	131	80	177	313	622	627	833	642	109	9	57	114
3 rooms	8 455	178	91	165	328	1 650	1 313	2 676	1 720	189	63	82	125
4 rooms	11 210	39	78	84	224	929	1 292	3 714	3 768	825	63	194	143
5 rooms	6 988	23	39	76	98	212	750	1 897	2 413	1 216	52	212	156
6 rooms	2 498	23	5	19	17	75	133	511	631	822	116	146	181
7 rooms	884	5	10	11	—	30	56	134	191	283	89	75	191
8 rooms or more	525	6	16	10	—	43	17	53	99	101	33	147	172
Median	3.8	1.5	1.5	2.2	2.7	3.0	3.4	3.8	4.1	5.0	5.7	5.0	...
PERSONS													
1 person	10 555	706	487	542	737	1 866	1 835	2 420	1 477	199	18	268	109
2 persons	12 449	107	69	154	281	933	1 767	4 450	3 652	695	24	315	139
3 persons	6 764	15	43	63	85	731	651	1 752	2 409	853	37	125	150
4 persons	4 426	23	5	32	63	471	271	974	1 175	1 161	187	64	165
5 persons	1 742	—	—	20	17	146	81	311	539	398	137	93	173
6 persons or more	1 224	—	—	26	30	59	107	296	348	254	29	75	158
Median	2.1	1.1	1.1	1.3	1.3	1.8	1.8	2.1	2.4	3.5	4.2	2.1	...
Units with roomers, boarders, or lodgers	2 177	37	30	59	46	119	214	406	622	537	81	26	163
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities													
0.50 or less	34 726	409	280	472	923	3 660	4 526	10 076	9 560	3 545	434	841	140
0.51 to 1.00	15 133	242	149	247	543	1 489	2 272	4 690	3 898	1 060	46	497	135
1.01 to 1.50	17 411	160	131	177	300	1 661	2 059	4 982	5 084	2 212	320	323	144
1.51 or more	1 694	7	—	16	57	430	125	281	467	232	63	16	142
Median	4 488	—	—	32	23	80	70	123	109	41	5	5	129
Lacking some or all plumbing facilities													
0.50 or less	2 434	442	324	365	290	546	186	127	40	15	—	99	71
0.51 to 1.00	645	66	72	90	96	135	58	47	26	—	—	55	77
1.01 to 1.50	1 656	356	246	256	177	373	117	70	14	15	—	32	68
1.51 or more	10	4	—	10	6	—	—	—	—	—	—	—	—
Median	123	16	6	19	11	38	11	10	—	—	—	12	82
BEDROOMS													
None	3 501	373	326	324	302	849	592	559	115	—	41	20	89
1	13 028	298	242	347	573	1 921	2 160	4 486	2 473	347	—	181	126
2	14 267	105	81	176	315	1 682	1 247	4 771	4 558	986	122	224	141
3 or more	6 433	20	21	52	17	210	404	1 258	1 716	2 101	291	343	181
YEAR STRUCTURE BUILT													
1969 to March 1970	1 993	—	—	5	—	55	82	352	1 009	441	26	23	174
1965 to 1968	6 870	129	72	59	97	532	353	1 751	2 711	953	128	85	157
1960 to 1964	6 720	58	17	23	113	547	571	2 376	2 264	591	55	105	145
1950 to 1959	4 646	16	20	73	94	543	476	1 594	1 296	387	12	135	139
1940 to 1949	3 402	72	25	92	132	363	725	1 077	580	208	20	108	127
1939 or earlier	13 529	576	470	585	777	2 166	2 505	3 053	1 740	980	193	484	116
ELEVATOR IN STRUCTURE													
4 floors or more	2 841	62	205	87	99	248	246	758	733	218	165	20	138
With elevator	2 278	62	79	21	59	207	186	573	709	197	165	20	147
Walk-up	563	—	126	66	40	41	60	185	24	21	—	—	103
1 to 3 floors	34 388	734	465	812	1 108	4 414	4 157	10 316	8 129	3 216	289	748	135
COMPLETE BATHROOMS													
1 and 1 1/2	33 206	354	214	413	904	3 457	4 454	9 700	9 521	3 116	290	783	140
2 or more	1 190	28	27	15	13	23	61	145	213	402	154	109	204
None or also used by another household	2 763	476	333	354	293	588	277	167	123	34	—	118	75
INCOME IN 1969													
Less than \$2,000	6 921	427	198	271	391	822	933	1 262	1 333	890	243	151	128
\$2,000 to \$2,999	3 010	119	141	114	78	530	419	699	561	264	35	50	123
\$3,000 to \$3,999	3 060	105	84	134	129	395	485	852	541	215	40	80	126
\$4,000 to \$4,999	2 436	51	50	60	112	397	392	656	477	152	—	89	125
\$5,000 to \$5,999	2 732	35	25	58	118	393	488	715	682	137	11	70	129
\$6,000 to \$6,999	2 485	25	25	38	91	390	356	824	589	105	—	42	131
\$7,000 to \$9,999	7 156	36	47	104	177	742	912	2 592	1 909	411	20	206	137
\$10,000 to \$14,999	6 384	38	23	48	102	445	574	1 923	2 360	701	16	154	149
\$15,000 to \$24,999	2 524	15	—	10	15	59	127	627	991	567	31	82	169
\$25,000 or more	452	—	11	—	—	33	26	53	157	118	38	16	180
Median	\$6 200	\$2 000	\$2 700	\$3 300	\$4 100	\$4 900	\$5 300	\$7 100	\$8 000	\$7 100	\$2000—	\$6 700	...
YEAR MOVED INTO UNIT													
1969 to March 1970	20 930	295	313	464	563	1 913	2 411	5 461	6 271	2 627	411	201	144
1968	5 779	191	83	92	162	763	769	1 655	1 463	436	27	138	134
1967	2 831	53	7	25	145	367	398	871	700	179	6	80	133
1965 and 1966	3 045	112	66	95	92	369	378	962	664	165	—	142	131
1960 to 1964	2 475	84	56	64	157	284	381	695	509	91	—	152	126
1950 to 1959	1 485	69	43	33	34	295	347	278	199	46	—	141	111
1949 or earlier	614	54	6	7	57	77	108	90	51	8	—	156	105
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 698	165	81	114	135	304	228	293	314	64	—	...	104
10 to 14 percent	5 015	91	74	117	219	787	707	1 532	1 144	314	30	...	130
15 to 19 percent	6 195	95	77	98	169	744	734	2 148	1 728	394	8	...	134
20 to 24 percent	4 922	81	64	107	125	467	628	1 529	1 441	460	20	...	139
25 to 34 percent	4 931	173	121	105	105	499	603	1 419	1 423	461	22	...	138
35 percent or more	12 747	219	182	278	445	1 283	1 682	3 107	3 427	1 794	330	...	142
Not computed	1 652	27	5	18	15	122	130	175	123	73	24	940	127
AIR CONDITIONING													
Room unit(s)	13 610	101	60	100	187	1 022	1 204	4 200	5 064	1 192	184	296	148
Central system	2 448	14	16	40	46	42	129	421	907	709	41	83	176
None	21 101	743	498	642	977	3 004	3 459	5 391	3 886	1 651	219	631	125

¹Excludes one-family homes on 10 acres or more.

Table A-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	49 941	2 711	1 623	1 779	1 626	1 772	1 881	7 329	15 614	11 501	3 905	11 900
ROOMS												
1 and 2 rooms	239	32	47	19	26	17	5	48	27	18	-	4 800
3 rooms	862	229	54	86	64	57	64	170	100	34	4	5 000
4 rooms	5 408	520	328	371	355	397	371	1 064	1 442	502	58	8 000
5 rooms	14 933	734	556	461	485	591	578	2 637	5 479	3 040	372	11 300
6 rooms	12 847	571	359	464	385	375	410	2 013	4 363	3 123	784	12 100
7 rooms or more	15 652	625	279	378	311	335	453	1 597	4 203	4 784	2 687	14 600
PERSONS												
1 person	5 232	1 568	726	592	468	465	279	588	386	114	46	3 500
2 persons	13 629	629	676	825	701	754	788	2 322	3 410	2 582	942	10 200
3 and 4 persons	17 064	319	103	238	306	344	513	2 619	6 389	4 770	1 463	13 200
5 persons	6 551	94	66	61	55	103	119	997	2 476	1 913	667	13 600
6 persons or more	7 465	101	52	63	96	106	182	1 003	2 953	2 122	787	13 600
Units with roomers, boarders, or lodgers	1 173	165	63	86	74	62	114	211	179	137	82	7 300
BEDROOMS												
Less than 3	12 467	1 282	838	862	700	707	764	2 603	3 324	1 244	143	8 200
3	26 425	925	761	556	568	879	924	3 704	9 546	6 662	1 900	12 600
4 or more	11 002	473	129	325	199	120	323	1 114	3 507	2 765	2 047	14 000
YEAR STRUCTURE BUILT												
1969 to March 1970	1 556	49	5	31	25	26	45	238	560	454	123	13 200
1960 to 1968	12 774	289	194	157	206	219	380	1 639	4 865	3 571	1 254	13 400
1950 to 1959	13 061	407	304	263	324	428	343	1 850	4 538	3 596	1 008	12 900
1949 or earlier	22 550	1 966	1 120	1 328	1 071	1 099	1 113	3 802	5 651	3 880	1 520	9 800
YEAR MOVED INTO UNIT												
1969 to March 1970	5 108	176	55	126	167	88	223	986	1 762	1 238	287	12 100
1968	4 265	91	54	87	96	86	165	640	1 669	1 072	305	12 700
1960 to 1967	19 472	669	362	445	424	525	571	3 127	6 841	4 856	1 452	12 600
1959 or earlier	21 105	1 755	1 120	1 145	974	1 092	888	2 863	5 064	4 647	1 557	10 700
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	36 219	977	766	805	682	796	1 139	4 814	13 233	9 354	3 653	13 100
Clothes dryer	35 753	841	611	658	663	784	1 061	4 979	13 107	9 147	3 902	13 200
Dishwasher	14 833	232	177	198	175	111	177	1 422	4 635	4 686	3 020	15 600
Home food freezer	27 016	1 064	877	705	695	821	1 040	3 942	9 264	6 059	2 549	12 400
Owned second home	2 878	83	81	153	109	62	74	312	676	852	476	14 200
With air conditioning	15 965	2 878	463	404	374	553	484	4 809	4 501	4 501	2 052	13 500
Room unit(s)	11 820	343	291	350	336	468	412	1 691	3 951	3 102	876	12 600
Central system	4 145	120	49	54	38	85	72	294	858	1 399	1 176	18 600
Automobiles available:												
1	24 064	1 161	977	1 174	1 143	1 219	1 216	4 913	7 557	3 914	790	10 200
2	19 421	248	103	160	242	331	467	2 350	6 952	6 380	2 388	14 300
3 or more	3 121	65	11	48	37	44	73	153	659	1 449	582	18 200
Renter occupied housing units	38 633	7 040	3 070	3 109	2 487	2 866	2 592	7 452	6 827	2 681	509	6 300
ROOMS												
1 room	3 005	1 227	434	463	156	212	96	278	107	26	6	2 600
2 rooms	3 610	1 032	336	433	354	259	250	544	279	85	38	4 000
3 rooms	8 477	1 665	911	782	755	669	654	1 572	1 061	337	71	5 200
4 rooms	11 268	1 543	814	762	642	851	831	2 623	2 356	758	88	7 200
5 rooms	7 224	972	369	455	356	571	506	1 403	1 727	754	111	7 800
6 rooms or more	5 049	601	206	214	224	304	255	1 032	1 297	721	195	9 100
PERSONS												
1 person	10 664	3 070	1 304	1 273	828	868	654	1 513	798	247	109	3 800
2 persons	12 756	1 847	1 046	1 028	926	902	895	2 547	2 371	1 060	134	6 700
3 and 4 persons	11 676	1 801	623	698	630	862	795	2 606	2 592	893	176	7 500
5 persons	1 910	236	85	87	75	131	142	334	545	240	35	8 800
6 persons or more	1 627	86	12	23	28	103	106	452	521	241	55	10 000
Units with roomers, boarders, or lodgers	2 208	982	303	239	164	125	114	160	96	25	-	2 400
BEDROOMS												
None	3 501	1 303	576	441	354	229	197	243	89	48	21	2 800
1	13 051	2 518	1 148	1 079	1 005	1 265	1 315	2 441	1 553	666	61	5 600
2	14 495	2 298	884	1 045	876	1 325	1 325	2 729	2 993	1 139	142	6 800
3 or more	7 580	991	240	339	265	590	405	1 598	1 921	990	241	8 800
YEAR STRUCTURE BUILT												
1969 to March 1970	2 010	323	109	96	132	167	127	415	414	182	45	7 400
1960 to 1968	13 624	2 115	938	983	750	956	926	2 796	2 729	1 242	189	7 200
1950 to 1959	4 728	491	269	301	296	378	300	1 084	1 147	391	71	7 900
1949 or earlier	18 271	4 111	1 754	1 729	1 309	1 365	1 239	3 157	2 537	866	204	5 200
YEAR MOVED INTO UNIT												
1969 to March 1970	21 373	4 878	1 989	1 968	1 493	1 407	1 283	3 851	3 309	974	221	5 300
1968	5 909	743	328	396	303	479	371	1 412	1 296	506	75	7 700
1960 to 1967	8 798	948	597	568	518	661	1 912	1 972	1 972	844	165	7 800
1959 or earlier	2 544	426	231	234	174	172	181	405	387	282	52	6 200
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied	37 160	6 921	3 010	3 060	2 436	2 732	2 485	7 156	6 384	2 524	452	6 200
Less than 15 percent	6 713	6	5	45	75	91	158	1 116	2 737	2 052	428	13 400
15 to 19 percent	6 195	-	35	122	106	311	492	2 292	2 523	306	8	9 700
20 to 24 percent	4 922	16	96	178	339	523	612	2 296	789	73	-	7 900
25 to 34 percent	4 931	170	242	471	738	1 045	956	1 122	176	11	-	5 800
35 percent or more	12 747	5 866	2 582	2 164	1 089	692	225	124	5	-	-	2 200
Not computed	1 652	863	50	80	89	70	42	206	154	82	16	2000-
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	14 532	2 087	616	955	571	1 251	1 170	2 869	3 247	1 509	257	7 600
Clothes dryer	13 636	1 895	587	916	606	1 244	1 060	2 725	2 872	1 452	279	7 600
Dishwasher	3 942	261	144	136	123	260	218	797	1 017	831	155	10 200
Home food freezer	5 146	578	86	173	184	468	342	1 129	1 334	635	217	9 000
Owned second home	1 503	252	42	37	42	147	104	212	388	220	59	8 800
With air conditioning	16 260	2 442	1 058	1 028	956	1 038	959	3 323	3 354	1 572	333	7 400
Room unit(s)	13 783	2 155	937	1 072	826	850	751	2 823	2 902	1 194	273	7 300
Central system	2 477	287	121	153	130	188	208	500	452	378	60	7 900
Automobiles available:												
1	21 410	2 482	1 289	1 645	1 506	1 779	1 556	5 325	4 262	1 293	273	7 300
2	6 650	533	190	269	244	253	398	1 373	2 167	1 043	180	10 100
3 or more	1 218	198	145	70	29	75	61	205	228	179	28	7 500

Excludes one-family homes on 10 acres or more.

Table A-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	With all plumbing facilities					Lacking some or all plumbing facilities					
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	
Owner occupied housing units	49 941	49 019	24 105	21 710	2 856	348	922	695	206	21	--
PERSONS											
1 person	5 232	4 913	4 872	41	--	--	319	315	4	--	--
2 persons	13 629	13 299	12 863	411	--	25	330	310	20	--	--
3 persons	7 980	7 857	4 348	3 497	12	--	123	60	63	--	--
4 persons	9 084	9 011	1 411	7 576	20	4	73	5	64	4	--
5 persons	6 551	6 514	611	5 640	251	12	37	5	27	5	--
6 persons or more	7 465	7 425	--	4 545	2 573	307	40	--	28	12	--
Median	3.3	3.3	2.1	4.4	6.6	7.5+	1.9	1.6	3.8	...	--
Units with roomers, boarders, or lodgers	1 173	1 127	612	438	59	18	46	29	17	--	--
YEAR STRUCTURE BUILT											
1969 to March 1970	1 534	1 527	617	841	69	--	7	--	7	--	--
1965 to 1968	6 182	6 176	2 274	3 533	351	18	6	--	6	--	--
1960 to 1964	6 638	6 625	2 361	3 597	622	45	13	13	--	--	--
1950 to 1959	12 789	12 717	5 471	6 175	910	161	72	33	39	--	--
1940 to 1949	5 132	5 060	2 801	1 984	243	32	72	44	21	7	--
1939 or earlier	17 675	16 958	10 537	5 623	671	127	717	576	135	6	--
INCOME IN 1969											
Less than \$2,000	2 711	2 437	1 989	386	38	24	274	260	14	--	--
\$2,000 to \$2,999	1 623	1 508	1 301	172	23	12	115	110	5	--	--
\$3,000 to \$3,999	1 779	1 694	1 397	262	30	5	85	81	4	--	--
\$4,000 to \$4,999	1 626	1 604	1 225	330	38	11	22	22	--	--	--
\$5,000 to \$5,999	1 772	1 719	1 257	411	46	5	53	28	25	5	--
\$6,000 to \$6,999	1 881	1 816	1 162	550	99	5	65	38	22	5	--
\$7,000 to \$9,999	7 529	7 391	3 371	3 394	572	54	138	78	48	12	--
\$10,000 to \$14,999	15 614	15 495	5 468	8 589	1 302	136	119	68	47	4	--
\$15,000 to \$24,999	11 501	11 461	4 791	6 022	572	76	40	10	30	--	--
\$25,000 or more	3 905	3 894	2 144	1 594	136	20	11	--	11	--	--
Median	\$11 900	\$12 000	\$10 300	\$13 100	\$12 200	\$12 100	\$3 800	\$2 800	\$9 100	...	--
VALUE-INCOME RATIO											
Specified owner occupied ¹	41 125	40 635	19 321	18 573	2 477	264	490	347	126	17	--
Less than 1.5	12 723	12 573	5 377	6 169	898	129	150	61	77	12	--
1.5 to 1.9	9 798	9 734	3 777	5 144	736	77	64	25	34	5	--
2.0 to 2.4	6 559	6 513	2 569	3 456	457	31	46	36	10	--	--
2.5 to 2.9	3 555	3 541	1 677	1 696	158	10	14	14	--	--	--
3.0 to 3.9	3 137	3 087	1 810	1 150	122	5	50	50	--	--	--
4.0 or more	5 192	5 026	4 017	901	96	12	166	161	5	--	--
Not computed	161	161	94	57	10	--	--	--	--	--	--
HEATING EQUIPMENT											
Steam or hot water	7 524	7 431	4 093	2 966	318	54	93	75	18	--	--
Warm-air furnace	39 666	39 274	18 701	17 947	2 377	249	392	270	107	15	--
Built-in electric units	226	226	111	91	19	5	--	--	--	--	--
Floor, wall, or pipeless furnace	610	573	262	263	36	12	37	18	19	--	--
Other means	1 911	1 515	938	443	106	28	396	328	62	6	--
None	4	--	--	--	--	--	4	4	--	--	--
Renter occupied housing units	38 633	36 111	15 776	18 013	1 818	504	2 522	677	1 696	20	129
PERSONS											
1 person	10 664	8 684	7 402	1 282	--	--	1 980	587	1 393	--	--
2 persons	12 756	12 409	7 272	4 939	--	198	347	76	176	--	95
3 persons	7 021	6 947	923	5 726	282	16	74	14	46	9	12
4 persons	4 655	4 600	123	3 952	461	64	55	--	43	--	5
5 persons	1 910	1 893	56	1 388	344	105	17	--	12	--	5
6 persons or more	1 627	1 578	--	726	731	121	49	--	26	11	12
Median	2.2	2.3	1.6	3.0	5.0	4.1	1.1	1.1	1.1	...	2.2
Units with roomers, boarders, or lodgers	2 208	2 112	547	1 321	158	86	96	5	54	--	37
YEAR STRUCTURE BUILT											
1969 to March 1970	2 007	1 987	915	976	55	41	20	--	20	--	--
1965 to 1968	6 809	6 618	2 511	3 638	356	113	191	35	124	--	32
1960 to 1964	6 906	6 693	2 363	3 792	402	136	213	34	172	--	7
1950 to 1959	4 629	4 548	1 766	2 346	379	57	81	17	57	--	7
1940 to 1949	3 419	3 213	1 503	1 595	81	34	206	75	112	5	14
1939 or earlier	14 854	13 069	6 748	5 647	579	95	1 785	474	1 222	18	71
INCOME IN 1969											
Less than \$2,000	7 040	6 037	2 687	2 953	305	92	1 003	214	721	--	68
\$2,000 to \$2,999	3 070	2 707	1 347	1 229	81	50	363	125	227	--	11
\$3,000 to \$3,999	3 109	2 768	1 375	1 230	109	54	341	58	272	--	11
\$4,000 to \$4,999	2 487	2 319	1 102	1 111	85	21	168	69	84	5	10
\$5,000 to \$5,999	2 866	2 722	1 224	1 328	115	55	144	52	92	--	6
\$6,000 to \$6,999	2 592	2 489	1 122	1 181	135	51	103	48	49	--	6
\$7,000 to \$9,999	7 452	7 217	2 943	3 749	412	93	235	77	147	5	6
\$10,000 to \$14,999	6 827	6 700	2 537	3 653	439	71	127	28	72	10	17
\$15,000 to \$24,999	2 681	2 654	1 179	1 359	99	17	27	6	11	--	--
\$25,000 or more	509	498	240	220	38	--	11	--	11	--	--
Median	\$6 300	\$6 600	\$6 100	\$7 000	\$7 600	\$5 600	\$2 700	\$3 000	\$2 600	...	\$2000-
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	37 160	34 726	15 133	17 411	1 694	488	2 434	645	1 656	10	129
Less than 10 percent	1 698	1 472	597	775	74	26	226	31	174	10	11
10 to 14 percent	5 015	4 817	2 091	2 341	318	67	198	63	123	--	12
15 to 19 percent	6 195	5 986	2 346	3 185	363	92	209	75	129	--	5
20 to 24 percent	4 922	4 667	2 016	2 428	178	45	255	80	175	--	--
25 to 34 percent	4 931	4 605	2 090	2 202	245	68	326	93	222	--	11
35 percent or more	12 747	11 723	5 254	5 820	470	179	1 024	237	731	--	56
Not computed	1 652	1 456	739	660	46	11	196	66	102	--	28
HEATING EQUIPMENT											
Steam or hot water	15 302	13 877	6 312	6 764	569	232	1 425	309	1 021	--	95
Warm-air furnace	19 448	18 655	7 861	9 583	997	214	793	239	529	9	16
Built-in electric units	1 656	1 586	561	878	95	52	70	18	46	--	6
Floor, wall, or pipeless furnace	689	670	391	263	16	--	19	8	11	--	--
Other means	1 526	1 317	651	519	141	6	209	103	83	11	12
None	12	6	--	6	--	--	6	--	6	--	--

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table A-5. Rooms in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	49 941	70	169	862	5 408	14 933	12 847	7 974	7 478	5.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	48 691	63	159	801	4 976	14 649	12 565	7 935	7 543	5.8
PERSONS										
1 person	5 232	45	87	386	1 268	1 454	1 161	454	377	5.1
2 persons	13 629	25	61	370	2 457	4 538	3 434	1 557	1 167	5.4
3 persons	7 980	-	12	70	844	2 646	2 160	1 320	928	5.7
4 persons	9 084	-	4	24	506	2 951	2 524	1 659	1 416	5.9
5 persons	6 551	-	-	12	256	1 827	1 753	1 246	1 457	6.2
6 persons or more	7 465	-	5	-	77	1 497	1 815	1 738	2 333	6.7
Median	3.3	...	1.5	1.6	2.1	3.0	3.3	3.9	4.5	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	49 019	66	149	794	5 205	14 729	12 651	7 852	7 573	5.8
0.50 or less	24 105	-	72	337	3 555	5 910	6 578	3 232	4 421	5.8
0.51 to 1.00	21 710	41	56	425	1 322	7 328	5 268	4 258	3 012	5.8
1.01 to 1.50	2 856	-	12	20	299	1 350	735	305	135	5.3
1.51 or more	348	25	9	12	79	141	70	57	5	5.2
Lacking some or all plumbing facilities	922	4	20	88	203	204	196	122	105	5.3
0.50 or less	695	-	15	49	170	102	177	99	83	5.6
0.51 to 1.00	206	4	5	15	28	96	19	17	22	5.0
1.01 to 1.50	21	-	-	4	5	6	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	-
BEDROOMS										
None and 1	1 853	56	105	555	719	302	116	-	-	3.8
2	10 614	-	-	250	4 829	4 246	1 076	155	58	4.6
3	26 425	-	-	-	303	10 047	10 383	4 340	1 352	5.8
4 or more	11 002	-	-	-	-	121	1 501	3 315	6 065	7.5+
YEAR STRUCTURE BUILT										
1969 to March 1970	1 556	-	9	21	99	420	350	281	376	6.2
1960 to 1968	12 774	19	16	159	953	4 068	2 952	2 278	2 329	5.9
1950 to 1959	13 061	12	37	134	1 636	5 601	3 243	1 452	946	5.3
1949 or earlier	22 550	39	107	548	2 720	4 844	6 302	3 963	4 027	6.0
COMPLETE BATHROOMS										
1 and 1 1/2	39 608	74	175	754	4 752	13 771	10 796	5 663	3 623	5.5
2 or more	9 180	-	5	59	231	909	1 769	2 279	3 928	7.2
None or also used by another household	1 162	-	15	92	244	301	211	147	152	5.3
VALUE-INCOME RATIO										
Specified owner occupied ¹	41 125	13	67	401	3 550	13 023	11 278	6 851	5 942	5.8
Less than 1.5	12 723	5	31	122	1 262	4 064	3 339	2 058	1 842	5.8
1.5 to 1.9	9 798	-	8	57	644	3 491	2 663	1 702	1 233	5.8
2.0 to 2.9	10 114	8	13	60	655	2 957	2 904	1 763	1 754	6.0
3.0 or more	8 329	-	15	151	984	2 458	2 366	1 289	1 066	5.7
Not computed	161	-	-	11	5	53	6	39	47	6.6
Renter occupied housing units	38 633	3 005	3 610	8 477	11 268	7 224	2 799	1 238	1 012	3.9
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	35 044	1 075	2 955	8 032	11 012	7 035	2 752	1 207	976	4.0
PERSONS										
1 person	10 664	2 675	1 995	3 091	1 886	744	148	75	50	2.7
2 persons	12 756	293	1 249	3 866	4 444	2 044	544	130	186	3.7
3 persons	7 021	21	291	949	2 984	1 839	639	177	121	4.3
4 persons	4 655	16	60	461	1 516	1 526	648	305	123	4.7
5 persons	1 910	-	11	99	344	647	389	222	198	5.3
6 persons or more	1 627	-	4	11	94	424	431	329	334	6.2
Median	2.2	1.1	1.4	1.8	2.3	2.9	3.6	4.3	4.6	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	36 111	1 506	3 204	8 181	11 149	7 136	2 751	1 207	977	4.0
0.50 or less	15 776	-	1 656	2 944	6 246	2 746	1 302	357	525	4.0
0.51 to 1.00	18 013	1 282	1 197	4 671	4 465	3 983	1 249	753	413	3.9
1.01 to 1.50	1 818	-	46	461	410	359	179	86	39	3.9
1.51 or more	504	224	69	282	28	48	21	9	-	1.9
Lacking some or all plumbing facilities	2 522	1 499	406	294	119	88	48	31	35	1.3
0.50 or less	677	339	147	147	84	42	29	25	11	2.5
0.51 to 1.00	1 696	1 393	52	144	35	29	19	19	24	1.1
1.01 to 1.50	20	-	9	-	-	11	-	-	-	...
1.51 or more	129	106	6	5	-	6	-	6	-	1.1
BEDROOMS										
None	3 501	2 819	561	121	-	-	-	-	-	1.1
1	13 051	-	3 149	7 209	2 395	277	-	-	21	3.0
2	14 495	-	-	1 223	8 836	3 823	527	44	42	4.2
3 or more	7 580	-	-	-	200	3 152	2 177	1 230	821	5.7
YEAR STRUCTURE BUILT										
1969 to March 1970	2 010	135	151	511	620	389	161	29	14	3.8
1960 to 1968	13 624	928	1 544	3 236	4 781	2 234	665	118	118	3.7
1950 to 1959	4 728	232	339	1 012	1 622	1 075	314	94	40	4.0
1949 or earlier	18 271	1 710	1 576	3 718	4 245	3 526	1 659	997	840	4.0
COMPLETE BATHROOMS										
1 and 1 1/2	34 449	1 439	3 086	8 007	10 885	6 747	2 500	1 001	784	3.9
2 or more	1 311	50	20	84	172	316	258	206	205	5.6
None or also used by another household	2 864	1 518	471	404	161	129	86	50	45	1.4
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	37 140	3 000	3 600	8 455	11 210	6 988	2 498	884	525	3.8
Less than 10 percent	1 698	184	172	400	403	351	88	41	59	3.7
10 to 14 percent	5 015	218	375	1 104	1 733	1 015	358	146	66	4.0
15 to 19 percent	6 195	269	470	1 352	2 114	1 271	499	146	74	4.0
20 to 24 percent	4 922	273	406	1 053	1 705	972	407	66	40	3.9
25 to 34 percent	4 931	405	508	1 069	1 525	950	302	140	32	3.8
35 percent or more	12 747	1 513	1 534	3 240	3 372	2 069	670	249	100	3.5
Not computed	1 652	138	135	237	358	360	174	96	154	4.4

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table A-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	49 941	45 643	3 082	1 216	38 633	7 935	6 207	5 835	5 766	4 912	7 796	182
ROOMS												
1 room	70	21	33	16	3 005	74	16	170	484	592	1 653	16
2 rooms	169	82	60	27	3 610	135	162	509	619	735	1 437	13
3 rooms	862	436	264	162	8 477	451	1 088	1 395	1 366	1 573	2 583	21
4 rooms	5 408	3 795	926	687	11 268	1 283	2 588	2 169	2 160	1 464	1 518	86
5 rooms	14 933	13 609	1 067	257	7 224	2 349	1 786	1 242	905	426	485	31
6 rooms	12 647	12 365	421	61	2 799	1 664	442	292	190	105	91	15
7 rooms	7 974	7 815	153	6	1 238	1 058	82	45	31	11	11	—
8 rooms or more	7 678	7 520	158	—	1 012	921	43	13	11	6	18	—
Median	5.8	5.9	4.7	4.1	3.9	5.4	4.2	3.9	3.7	3.2	2.8	4.0
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	49 019	44 923	2 888	1 208	36 111	7 729	6 070	5 482	5 270	4 587	6 807	166
0.50 or less	24 105	21 639	1 872	594	15 776	3 063	2 882	2 751	2 483	1 701	2 814	82
0.51 to 1.00	21 710	20 274	924	512	18 013	3 966	2 935	2 531	2 566	2 403	3 561	51
1.01 to 1.50	2 856	2 694	76	86	1 818	595	238	186	168	367	240	24
1.51 or more	348	316	16	16	504	105	15	14	53	116	192	9
Lacking some or all plumbing facilities	922	720	194	8	2 522	206	137	353	496	325	989	14
0.50 or less	695	542	149	4	677	96	90	216	109	58	98	10
0.51 to 1.00	206	161	41	4	1 696	82	47	128	366	242	825	6
1.01 to 1.50	21	17	4	—	20	16	—	—	—	4	—	—
1.51 or more	—	—	—	—	129	12	—	9	21	21	66	—
BEDROOMS												
None	79	40	19	20	3 501	74	21	364	514	731	1 797	—
1	1 774	962	704	108	13 051	691	2 058	2 141	2 301	1 963	3 876	21
2	10 614	8 213	1 555	846	14 495	2 403	3 079	2 736	2 523	1 842	1 825	87
3	26 425	25 595	672	158	5 594	2 760	1 040	630	437	424	303	—
4 or more	11 002	10 842	139	21	1 986	1 738	108	22	22	58	38	—
YEAR STRUCTURE BUILT												
1969 to March 1970	1 556	1 336	53	167	2 010	158	177	96	342	321	892	24
1965 to 1968	6 138	5 512	172	454	6 881	454	447	362	1 101	1 412	3 044	61
1960 to 1964	6 636	6 067	251	318	6 743	761	567	1 064	1 176	1 291	1 831	53
1950 to 1959	13 061	12 428	430	203	4 728	1 261	598	1 071	561	652	363	22
1940 to 1949	4 992	4 777	190	25	3 496	1 069	672	574	730	241	210	—
1939 or earlier	17 558	15 523	1 986	49	14 775	4 232	3 746	2 468	1 856	995	1 456	22
INCOME IN 1969												
Less than \$2,000	2 711	2 253	349	109	7 040	888	1 014	937	1 047	1 067	2 045	42
\$2,000 to \$2,999	1 623	1 330	233	60	3 070	363	527	545	532	367	721	15
\$3,000 to \$3,999	1 779	1 497	197	85	3 109	391	420	504	510	407	873	4
\$4,000 to \$4,999	1 626	1 359	197	70	2 487	390	403	419	454	348	446	27
\$5,000 to \$5,999	1 772	1 494	186	92	2 866	524	457	530	381	414	551	9
\$6,000 to \$6,999	1 881	1 618	160	103	2 592	516	468	448	326	377	438	19
\$7,000 to \$9,999	7 529	6 712	518	299	7 452	1 784	1 385	962	1 149	884	1 267	21
\$10,000 to \$14,999	15 614	14 540	770	304	6 827	1 999	1 148	1 085	969	696	901	29
\$15,000 to \$24,999	11 501	11 046	361	94	2 681	870	332	387	353	289	440	10
\$25,000 or more	3 905	3 794	111	—	509	210	53	18	45	63	114	6
Median	\$11 900	\$12 300	\$8 300	\$7 900	\$6 300	\$8 500	\$6 600	\$6 000	\$5 900	\$5 600	\$4 600	\$5 300
YEAR MOVED INTO UNIT												
1969 to March 1970	5 108	4 445	284	379	21 373	3 413	3 157	2 986	3 462	2 998	5 254	103
1968	4 265	3 877	180	208	5 909	1 218	981	976	930	766	1 000	36
1967	3 498	3 103	174	221	2 939	684	543	487	385	383	443	14
1965 and 1966	6 252	5 829	240	183	3 237	891	520	581	393	386	446	20
1960 to 1964	9 722	9 077	462	183	2 622	741	491	560	310	208	305	7
1950 to 1959	11 431	10 734	621	76	1 527	566	329	187	164	69	195	17
1949 or earlier	9 674	8 604	1 052	18	1 017	544	192	49	84	54	94	—
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	37 160	6 462	6 207	5 835	5 766	4 912	7 796	182
Less than \$50	...	...	...	...	851	106	92	56	223	147	221	6
\$50 to \$59	...	...	...	...	604	25	89	84	90	58	258	—
\$60 to \$69	...	...	...	...	837	87	108	190	173	87	176	16
\$70 to \$79	...	...	...	...	1 213	170	299	146	210	194	194	—
\$80 to \$99	...	...	...	...	4 206	293	907	667	663	892	736	48
\$100 to \$119	...	...	...	...	4 712	665	1 262	856	683	507	705	34
\$120 to \$149	...	...	...	...	10 203	1 415	1 665	2 151	1 840	1 047	2 065	20
\$150 to \$199	...	...	...	...	9 600	1 931	1 010	1 166	1 389	1 591	2 491	22
\$200 to \$299	...	...	...	...	3 560	1 092	624	407	402	342	693	—
\$300 or more	...	...	...	...	434	119	40	64	60	23	128	—
No cash rent	...	...	...	...	940	559	111	48	33	24	129	36
Median	...	...	...	...	\$137	\$155	\$125	\$132	\$133	\$136	\$142	\$102
HEATING EQUIPMENT												
Steam or hot water	7 524	6 389	1 124	11	15 302	958	1 572	2 758	2 999	2 616	4 386	13
Warm-air furnace	39 666	36 887	1 745	1 034	19 448	5 980	4 069	2 653	2 313	1 848	2 442	143
Built-in electric units	226	189	28	9	1 656	86	58	148	218	326	820	—
Floor, wall, or pipeless furnace	610	531	37	42	689	189	133	98	117	53	93	6
Other means	1 911	1 643	148	120	1 526	722	375	178	119	63	55	14
None	4	4	—	—	12	—	—	—	—	6	—	6
AIR CONDITIONING												
Room unit(s)	11 820	10 559	955	306	13 783	1 441	981	1 812	2 239	2 212	5 052	46
Central system	4 145	3 989	121	35	2 477	303	184	223	497	600	670	—
None	33 985	31 121	1 937	927	22 364	6 313	5 048	3 791	2 992	2 052	2 015	153
AUTOMOBILES AVAILABLE												
1	24 064	21 644	1 639	781	21 410	4 331	3 481	3 300	3 305	2 892	3 985	116
2	19 621	18 551	719	351	6 650	2 365	1 184	843	856	589	765	48
3 or more	3 121	2 999	82	40	1 218	467	145	167	128	115	196	—
None	3 144	2 475	573	96	9 346	894	1 403	1 516	1 439	1 268	2 791	35

¹Excludes one-family homes on 10 acres or more.

Table A-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA

	Total	Two-or-more-person households									One-person households	
		Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	49 941	707	7 673	10 443	16 348	4 918	895	407	2 183	1 135	2 255	2 977
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	49 019	701	7 633	10 398	16 207	4 727	862	369	2 135	1 074	2 181	2 732
0.50 or less	24 105	330	1 539	1 860	8 600	4 035	482	345	1 163	879	2 158	2 714
0.51 to 1.00	21 710	361	5 447	6 886	6 937	659	336	24	856	163	23	18
1.01 to 1.50	2 856	5	621	1 428	614	30	31	—	107	20	—	—
1.51 or more	348	5	26	224	56	3	13	—	9	12	—	—
Lacking some or all plumbing facilities	922	6	40	45	141	191	33	38	48	61	74	245
0.50 or less	695	6	—	25	60	163	28	28	19	51	70	245
0.51 to 1.00	206	—	35	14	71	28	5	10	29	10	4	—
1.01 to 1.50	21	—	5	6	10	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE												
1	45 643	430	7 141	10 074	15 467	4 388	768	367	1 962	943	1 723	2 380
2 or more	3 082	40	216	289	754	469	88	36	162	188	315	525
Mobile home or trailer	1 216	237	316	80	127	61	39	4	59	4	217	72
INCOME IN 1969												
Less than \$2,000	2 711	20	90	109	196	267	50	37	203	171	302	1 266
\$2,000 to \$2,999	1 623	5	34	39	135	464	15	29	109	67	184	542
\$3,000 to \$3,999	1 779	31	42	61	116	590	16	35	166	130	173	419
\$4,000 to \$4,999	1 626	39	94	79	175	474	30	39	141	87	218	250
\$5,000 to \$5,999	1 772	23	81	122	339	399	25	31	199	88	312	153
\$6,000 to \$6,999	1 881	91	184	217	406	368	31	32	171	102	203	76
\$7,000 to \$9,999	7 529	182	1 635	1 362	2 001	851	202	45	508	155	424	164
\$10,000 to \$14,999	15 614	292	3 754	4 352	5 165	720	242	55	449	199	307	79
\$15,000 to \$24,999	11 501	24	1 515	3 064	5 648	561	218	56	208	93	100	14
\$25,000 or more	3 905	—	244	1 038	2 167	224	66	48	29	43	32	14
Median	\$11 900	\$9 400	\$12 200	\$13 700	\$14 700	\$6 700	\$11 600	\$7 000	\$7 600	\$6 200	\$5 800	\$2 400
VALUE-INCOME RATIO												
Specified owner occupied ¹	41 125	411	6 726	9 221	13 598	3 843	651	295	1 854	829	1 511	2 186
Less than 1.5	12 723	140	1 486	2 854	6 451	743	227	78	305	157	222	60
1.5 to 1.9	9 798	115	2 168	2 628	3 445	605	140	39	287	106	205	60
2.0 to 2.4	6 559	61	1 587	1 883	1 825	458	124	41	243	68	166	103
2.5 to 2.9	3 555	46	724	846	844	388	84	39	216	73	193	102
3.0 to 3.9	3 137	26	515	630	529	604	34	32	234	91	174	268
4.0 or more	5 192	19	240	370	478	1 035	32	66	533	329	512	1 578
Not computed	161	4	6	10	26	10	10	—	36	5	39	15
Renter occupied housing units	38 633	4 708	8 165	2 238	2 634	1 190	3 238	109	5 344	343	8 210	2 454
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	36 111	4 631	8 125	2 219	2 544	1 158	3 113	96	5 223	318	6 545	2 139
0.50 or less	15 776	1 369	2 027	266	1 185	678	957	47	1 636	209	5 380	2 022
0.51 to 1.00	18 013	3 120	5 341	1 372	1 189	463	1 938	37	3 172	99	1 165	117
1.01 to 1.50	1 818	80	686	436	135	12	133	6	330	—	—	—
1.51 or more	504	62	71	145	35	5	85	6	85	10	—	—
Lacking some or all plumbing facilities	2 522	77	40	19	90	32	125	13	121	25	1 665	315
0.50 or less	677	4	5	—	27	11	20	9	5	9	425	162
0.51 to 1.00	1 696	58	30	13	41	16	60	4	76	5	1 240	153
1.01 to 1.50	20	5	5	—	10	—	—	—	—	—	—	—
1.51 or more	129	10	—	6	12	5	45	—	40	11	—	—
UNITS IN STRUCTURE												
1	7 935	650	2 129	1 204	1 205	342	568	31	907	74	564	261
2 to 4	12 042	1 609	2 680	481	686	550	1 117	45	1 834	157	2 055	828
5 to 19	10 678	1 593	2 323	394	453	146	740	16	1 621	86	2 701	605
20 or more	7 796	843	978	142	279	152	788	17	962	26	2 875	734
Mobile home or trailer	182	13	55	17	11	—	25	—	20	—	15	26
GROSS RENT												
Specified renter occupied ²	37 160	4 580	7 716	1 946	2 325	1 119	3 212	105	5 273	329	8 122	2 433
Less than \$50	851	5	16	6	14	44	32	—	16	12	414	292
\$50 to \$59	604	10	5	—	23	23	10	—	40	6	360	127
\$60 to \$69	837	43	38	17	18	43	50	5	76	5	466	76
\$70 to \$79	1 213	83	121	48	56	33	48	10	27	24	533	204
\$80 to \$99	4 206	462	939	212	122	141	143	10	287	24	1 437	429
\$100 to \$119	4 712	572	789	167	246	197	250	11	551	94	1 505	330
\$120 to \$149	10 203	2 012	2 299	368	602	275	609	31	1 504	93	1 977	443
\$150 to \$199	9 600	1 237	2 646	574	726	220	1 094	22	1 534	60	1 153	324
\$200 to \$299	3 560	124	654	438	327	32	784	13	969	20	148	51
\$300 or more	434	—	20	24	28	—	154	—	190	—	13	5
No cash rent	940	32	189	92	163	111	38	3	35	9	116	152
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	37 160	4 580	7 716	1 946	2 325	1 119	3 212	105	5 273	329	8 122	2 433
Less than \$5,000	15 427	1 190	895	138	195	582	2 335	79	3 449	160	4 440	1 964
Less than 20 percent	394	10	—	—	6	46	25	—	31	—	208	68
20 to 24 percent	629	61	57	15	16	33	24	—	31	—	313	79
25 to 34 percent	1 621	160	208	14	23	82	82	15	119	16	623	279
35 percent or more	11 701	950	551	90	117	345	2 086	50	2 982	140	3 019	1 371
Not computed	1 082	9	79	19	33	76	118	14	286	4	277	167
\$5,000 to \$9,999	12 373	2 342	3 302	572	696	322	561	26	1 457	80	2 678	337
Less than 20 percent	4 460	774	1 271	211	328	95	94	11	238	39	1 281	118
20 to 24 percent	3 431	753	957	121	136	85	117	15	391	32	746	78
25 to 34 percent	3 123	659	787	165	142	92	199	—	483	9	510	77
35 percent or more	1 041	134	190	31	38	21	134	—	330	—	109	54
Not computed	318	22	97	44	52	29	17	—	15	—	32	10
\$10,000 to \$14,999	6 384	917	2 655	733	651	126	191	—	273	58	699	81
Less than 20 percent	5 260	854	2 153	601	521	104	108	—	204	44	613	58
20 to 24 percent	789	44	389	76	63	6	63	—	53	9	75	11
25 percent or more	181	14	54	30	22	6	16	—	16	—	11	12
Not computed	154	5	59	26	45	10	4	—	5	—	—	—
\$15,000 or more	2 976	131	864	503	783	89	125	—	94	31	305	51
Less than 20 percent	2 794	131	834	453	724	78	119	—	89	31	294	41
20 to 24 percent	73	—	15	31	22	—	—	—	5	—	—	—
25 percent or more	11	—	—	5	—	—	—	—	—	—	—	—
Not computed	98	—	15	14	37	11	—	—	—	—	11	10

¹Limited to one-family homes on less than 10 acres and no business on property. ²Excludes one-family homes on 10 acres or more.

Table A-8. Persons in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	49 941	5 232	13 629	7 980	9 084	6 551	3 988	2 044	1 433	3.3
BEDROOMS										
None and 1	1 853	834	901	78	40	-	-	-	-	1.6
2	10 614	2 209	5 273	1 947	833	291	61	-	-	2.1
3	26 425	1 793	5 663	5 154	6 315	4 271	2 180	760	289	3.6
4 or more	11 002	507	1 446	1 243	1 847	2 001	1 725	1 153	1 080	4.7
YEAR STRUCTURE BUILT										
1969 to March 1970	1 556	37	296	260	465	264	115	87	32	3.9
1965 to 1968	6 138	255	979	1 037	1 515	1 149	741	326	136	4.0
1960 to 1964	6 636	313	1 234	1 148	1 390	1 207	788	353	203	3.9
1950 to 1959	13 061	977	3 602	2 166	2 660	1 779	1 055	490	332	3.4
1940 to 1949	4 992	646	1 653	902	826	467	269	148	81	2.7
1939 or earlier	17 558	3 004	5 865	2 467	2 228	1 685	1 020	640	649	2.5
UNITS IN STRUCTURE										
1	45 643	4 103	12 095	7 309	8 591	6 279	3 888	1 961	1 417	3.4
2 or more	3 082	840	1 155	420	309	194	80	68	16	2.1
Mobile home or trailer	1 216	289	379	251	184	78	20	15	-	2.3
COMPLETE BATHROOMS										
1 and 1 1/2	39 608	4 465	11 634	6 406	7 025	4 846	2 800	1 465	967	3.1
2 and 2 1/2	8 190	329	1 501	1 191	1 744	1 510	992	519	404	4.1
3 or more	990	60	200	89	204	180	126	64	67	4.2
None or also used by another household	1 162	374	388	158	120	50	35	23	14	2.0
HOUSEHOLD COMPOSITION										
Two-or-more-person households	44 709	...	13 629	7 980	9 084	6 551	3 988	2 044	1 433	3.6
Male head, wife present, no nonrelatives	40 089	...	11 225	6 974	8 532	6 251	3 799	1 946	1 362	3.7
Under 25 years	707	...	282	228	173	9	10	5	-	2.8
25 to 34 years	7 673	...	663	1 288	2 808	1 750	779	274	111	4.2
35 to 44 years	10 443	...	611	5 721	2 411	2 611	1 896	1 174	828	5.0
45 to 64 years	16 348	...	5 721	3 879	2 966	1 809	1 088	473	412	3.1
65 years and over	4 918	...	3 948	667	174	72	26	20	11	2.1
Other male head	1 302	...	706	302	143	55	52	14	30	2.4
Under 65 years	895	...	400	243	111	49	52	10	30	2.7
65 years and over	407	...	306	59	32	6	-	4	-	2.2
Female head	3 318	...	1 698	704	409	245	137	84	41	2.3
Under 65 years	2 183	...	914	490	320	212	133	78	36	2.9
65 years and over	1 135	...	784	214	89	33	4	6	5	2.2
One-person households	5 232	5 232	...	...	...	...	...	...	...	1.6
VALUE-INCOME RATIO										
Specified owner occupied¹	41 125	3 697	10 921	6 576	7 910	5 706	3 505	1 679	1 131	3.4
Less than 1.5	12 723	282	3 280	2 586	2 609	1 921	1 059	513	473	3.6
1.5 to 1.9	9 798	265	2 366	1 665	2 174	1 591	924	509	304	3.8
2.0 to 2.4	6 559	269	1 474	989	1 520	1 055	760	316	176	3.9
2.5 to 2.9	3 555	295	927	521	743	482	330	182	75	3.5
3.0 to 3.9	3 137	442	1 047	401	514	367	221	99	46	2.7
4.0 or more	5 192	2 090	1 791	399	336	285	184	55	52	1.8
Not computed	161	54	36	15	14	5	27	5	5	2.2
Renter occupied housing units	38 633	10 664	12 756	7 021	4 655	1 910	905	399	323	3.2
BEDROOMS										
None	3 501	3 060	441	-	-	-	-	-	-	1.1
1	13 051	5 574	6 032	1 165	179	82	17	-	-	1.7
2	14 495	1 885	5 462	3 873	2 659	422	118	76	-	2.5
3 or more	7 580	156	1 021	1 579	1 822	1 497	748	340	417	4.1
YEAR STRUCTURE BUILT										
1969 to March 1970	2 010	506	831	289	251	94	25	6	8	2.1
1965 to 1968	6 881	1 702	2 510	1 391	887	234	111	34	12	2.2
1960 to 1964	6 743	1 365	2 482	1 356	914	388	144	69	25	2.3
1950 to 1959	4 728	1 005	1 516	1 018	671	284	164	44	26	2.4
1940 to 1949	3 496	1 057	1 118	641	425	144	52	24	35	2.1
1939 or earlier	14 775	5 029	4 299	2 326	1 507	766	409	222	217	2.0
UNITS IN STRUCTURE										
1	7 935	825	1 833	1 623	1 367	966	691	334	296	3.3
2	6 207	1 194	2 161	1 510	932	292	77	30	11	2.4
3 and 4	5 835	1 689	2 098	1 061	652	253	66	6	10	2.1
5 to 9	5 766	1 778	2 065	1 114	557	189	52	11	-	2.0
10 to 19	4 912	1 528	1 779	851	597	134	11	6	6	2.0
20 or more	7 796	3 609	2 743	843	524	63	8	6	6	1.6
Mobile home or trailer	182	41	77	19	26	13	-	6	-	2.1
COMPLETE BATHROOMS										
1 and 1 1/2	34 449	8 410	12 042	6 792	4 247	1 631	766	329	232	2.2
2 or more	1 311	146	247	198	319	235	91	47	28	3.7
None or also used by another household	2 864	2 097	421	139	86	28	43	23	27	1.2
HOUSEHOLD COMPOSITION										
Two-or-more-person households	27 949	...	12 756	7 021	4 655	1 910	905	399	323	2.7
Male head, wife present, no nonrelatives	18 935	...	8 208	4 616	3 200	1 434	821	373	283	2.8
Under 25 years	4 708	...	2 769	1 471	397	59	12	-	-	2.4
25 to 34 years	8 165	...	2 913	2 142	1 928	735	329	96	22	3.0
35 to 44 years	2 238	...	311	262	536	422	344	197	166	4.5
45 to 64 years	2 634	...	1 239	587	297	206	136	80	89	2.6
65 years and over	1 190	...	976	154	42	12	-	-	6	2.1
Other male head	3 347	...	1 768	843	556	153	12	6	9	2.4
Under 65 years	3 238	...	1 696	822	552	141	12	6	9	2.5
65 years and over	109	...	72	21	4	-	-	-	-	2.3
Female head	5 687	...	2 780	1 562	899	323	72	20	31	2.5
Under 65 years	5 344	...	2 533	1 490	875	323	72	20	31	2.6
65 years and over	343	...	247	72	24	-	-	-	-	2.2
One-person households	10 664	10 664	...	...	...	...	...	...	...	1.6
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	37 160	10 555	12 449	6 764	4 426	1 742	708	293	223	2.1
Less than 10 percent	1 698	479	530	324	191	89	40	15	10	2.2
10 to 14 percent	5 015	950	1 977	948	620	257	117	85	61	2.3
15 to 19 percent	6 195	1 252	2 147	1 256	903	310	188	69	70	2.4
20 to 24 percent	4 922	1 302	1 580	967	653	261	110	34	15	2.2
25 to 34 percent	4 931	1 512	1 570	892	578	226	89	37	27	2.1
35 percent or more	12 747	4 553	4 129	2 133	1 318	458	100	28	28	1.9
Not computed	1 652	507	516	244	163	141	44	25	12	2.1

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table A-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	348	126	163	59	Vacant for rent	1 827	946	743	138
ROOMS					ROOMS				
1 to 3 rooms	4	4	-	-	1 room	188	133	40	15
4 rooms	15	4	3	8	2 rooms	115	67	38	10
5 rooms	72	36	27	9	3 rooms	505	305	177	23
6 rooms	136	42	76	18	4 rooms	691	246	386	59
7 rooms or more	121	40	57	24	5 rooms	211	114	82	15
					6 rooms	80	59	9	12
					7 rooms or more	37	22	11	4
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	329	116	163	50	With all plumbing facilities	1 681	850	719	112
Lacking some or all plumbing facilities	19	10	-	9	Lacking some or all plumbing facilities	146	96	24	26
BEDROOMS					BEDROOMS				
None and 1	-	-	-	-	None	195	146	49	-
2	-	-	-	-	1	637	354	283	-
3	218	53	135	30	2	784	265	474	45
4 or more	140	52	53	35	3 or more	172	140	32	-
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	142	75	64	3	1969 to March 1970	484	125	347	12
1960 to 1968	52	13	39	-	1960 to 1968	572	334	212	26
1950 to 1959	43	3	22	18	1950 to 1959	143	81	43	19
1949 or earlier	111	35	38	38	1949 or earlier	628	406	141	81
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	329	118	160	51	1	247	122	74	51
2 or more	19	8	3	8	2 to 4	356	219	91	46
					5 to 9	362	207	148	7
					10 to 19	217	121	96	-
					20 or more	645	277	334	34
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	44	18	4	22	Specified vacant for rent²	1 774	917	735	122
Warm-air furnace	274	102	153	19	Less than \$50	20	11	9	-
Built-in electric units	6	6	-	-	\$50 to \$59	34	29	5	-
Floor, wall, or pipeless furnace	3	-	3	-	\$60 to \$79	129	82	34	13
Other means	16	-	3	13	\$80 to \$99	116	92	12	12
None	5	-	-	5	\$100 to \$119	205	111	70	24
					\$120 to \$149	494	283	185	26
					\$150 to \$199	525	238	267	20
					\$200 or more	251	71	153	27
					Median rent asked	\$143	\$134	\$160	\$134
SALES PRICE ASKED									
Specified vacant for sale¹	309	111	152	46					
Less than \$5,000	-	-	-	-					
\$5,000 to \$9,999	12	-	3	9					
\$10,000 to \$14,999	9	-	9	9					
\$15,000 to \$19,999	38	17	21	-					
\$20,000 to \$24,999	45	9	25	11					
\$25,000 to \$34,999	130	47	73	10					
\$35,000 to \$49,999	57	28	25	4					
\$50,000 or more	18	10	5	3					
Median price asked	\$28 900	\$31 300	\$28 700	...					

¹Limited to one-family homes on less than 10 acres and no business on property. ²Excludes one-family homes on 10 acres or more.

Table A-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

The SMSA	Sales price asked—Vacant for sale ¹							Rent asked—Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	309	12	9	38	45	130	75	1 774	54	129	116	699	525	251
PLUMBING FACILITIES														
With all plumbing facilities	303	-	-	-	48	137	118	1 602	-	67	57	701	473	304
Lacking some or all plumbing facilities	-	-	-	-	-	-	-	148	17	65	34	16	-	16
BEDROOMS														
None and 1	-	-	-	-	-	-	-	813	17	132	50	387	194	33
2	-	-	-	-	-	-	-	784	-	-	21	282	279	202
3	218	-	-	-	48	137	33	103	-	-	20	15	-	68
4 or more	85	-	-	-	-	-	85	50	-	-	-	33	-	17
YEAR STRUCTURE BUILT														
1969 to March 1970	142	-	-	17	14	78	33	484	-	-	14	122	223	125
1960 to 1968	52	-	-	12	6	10	24	568	-	-	16	269	205	78
1950 to 1959	40	4	-	4	4	24	4	137	-	16	14	60	43	4
1949 or earlier	75	8	9	5	21	18	14	585	54	113	72	248	54	44
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	194	10	9	37	109	24	5
2 to 4	...	...	...	...	...	...	...	356	21	55	32	182	54	12
5 to 19	...	...	...	...	...	...	...	579	16	24	34	226	245	34
20 or more	...	...	...	...	...	...	...	645	7	41	13	182	202	200
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	688	25	63	37	337	173	53
Some or no utilities included	...	...	...	...	...	...	...	1 086	29	66	79	362	352	198

¹Limited to one-family homes on less than 10 acres and no business on property. ²Excludes one-family homes on 10 acres or more.

Table B-1. Value of Owner Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Madison	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	24 143	16	107	366	1 163	1 871	6 080	6 174	5 426	2 299	641	22 000
ROOMS												
1 and 2 rooms	21	-	-	-	9	-	-	12	-	-	-	...
3 rooms	238	6	29	42	66	11	33	26	20	5	-	11 600
4 rooms	2 075	-	24	129	418	506	704	202	77	8	5	14 800
5 rooms	8 192	10	26	114	393	692	3 062	2 700	1 088	89	20	19 700
6 rooms	6 674	-	15	58	181	500	1 637	1 996	1 833	439	15	22 400
7 rooms	3 721	-	13	10	50	120	478	823	1 431	687	109	27 600
8 rooms or more	3 222	-	-	13	46	42	166	415	977	1 071	492	34 500
Median	5.7	...	4.4	4.6	4.7	5.1	5.3	5.6	6.3	7.4	7.5+	...
PERSONS												
1 person	2 094	6	38	92	312	244	719	383	224	61	15	17 300
2 persons	6 288	-	50	189	416	672	1 610	1 468	1 270	502	111	20 700
3 persons	3 939	5	10	19	162	343	1 046	996	943	317	98	21 900
4 persons	4 846	5	4	25	148	230	1 130	1 422	1 209	544	129	23 100
5 persons	3 379	-	-	16	30	201	743	922	891	421	155	23 800
6 persons or more	3 597	-	5	25	95	181	832	983	889	454	133	23 400
Median	3.4	...	1.8	2.0	2.1	2.6	3.2	3.7	3.7	4.0	4.2	...
Units with roomers, boarders, or lodgers	659	-	5	16	30	73	183	149	123	65	15	20 800
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	23 996	11	77	351	1 144	1 843	6 050	6 164	5 416	2 299	641	22 000
0.50 or less	11 284	6	53	250	735	1 019	2 665	2 433	2 492	1 234	397	21 900
0.51 to 1.00	11 087	5	19	79	333	712	2 770	3 190	2 699	1 041	239	22 500
1.01 to 1.50	1 485	-	5	17	72	106	547	505	214	19	5	20 000
1.51 or more	140	-	5	5	4	6	68	36	11	5	-	19 000
Lacking some or all plumbing facilities	147	5	30	15	19	28	30	10	10	5	-	12 900
0.50 or less	116	-	30	10	19	21	10	10	5	-	-	12 400
0.51 to 1.00	31	5	-	5	-	7	9	-	5	-	-	...
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	...
BEDROOMS												
None and 1	508	-	-	101	84	59	165	55	21	-	23	15 200
2	4 527	21	85	243	516	849	1 631	817	308	39	18	16 300
3	14 527	-	60	20	379	1 014	3 427	4 849	3 554	1 091	133	22 400
4 or more	4 476	-	17	42	119	63	539	891	1 221	1 090	494	29 600
YEAR STRUCTURE BUILT												
1969 to March 1970	550	-	-	-	-	-	23	94	266	114	53	30 900
1965 to 1968	2 456	-	-	7	6	10	115	548	953	603	214	30 700
1960 to 1964	3 517	-	-	-	8	45	590	1 123	1 115	521	115	25 000
1950 to 1959	7 819	-	5	24	203	437	2 247	2 404	1 822	518	159	22 100
1940 to 1949	2 922	-	14	59	211	425	1 059	674	375	95	10	18 600
1939 or earlier	6 879	16	88	276	735	954	2 046	1 331	895	448	90	18 100
COMPLETE BATHROOMS												
1 and 1 1/2	19 794	7	70	306	1 139	1 756	5 953	5 381	4 166	952	64	20 600
2 and 2 1/2	3 831	-	-	-	28	40	198	603	1 343	1 232	387	32 800
3 or more	348	-	-	-	8	6	14	34	99	187	-	50000+
None or also used by another household	199	6	25	32	27	36	52	7	7	7	-	13 200
HOUSEHOLD COMPOSITION												
Two-or-more-person households	22 049	10	69	274	851	1 627	5 361	5 791	5 202	2 238	626	22 400
Male head, wife present, no nonrelatives	19 802	10	40	226	733	1 329	4 711	5 271	4 798	2 095	589	22 700
Under 25 years	201	-	5	23	33	61	207	70	9	-	-	18 700
25 to 34 years	3 793	-	-	20	101	205	913	1 279	997	262	16	22 600
35 to 44 years	5 513	-	-	46	63	191	1 208	1 417	1 531	817	240	24 400
45 to 64 years	8 194	10	21	105	313	605	2 025	2 074	1 869	887	285	22 500
65 years and over	2 101	-	19	50	233	295	504	431	392	129	48	19 500
Other male head	468	-	15	6	31	45	158	69	82	43	19	19 200
Under 65 years	305	-	15	6	11	24	101	58	64	27	5	20 100
65 years and over	163	-	-	-	20	21	57	11	18	16	14	17 100
Female head	1 779	-	14	42	87	253	492	451	322	100	18	20 000
Under 65 years	1 214	-	5	17	61	170	325	311	251	61	13	20 500
65 years and over	565	-	9	25	26	83	167	140	71	39	5	18 600
One-person households	2 094	6	38	92	312	244	719	383	224	61	15	17 300
Under 65 years	929	-	5	26	166	87	303	188	109	35	10	17 800
65 years and over	1 165	6	33	66	146	157	416	195	115	26	5	16 900
INCOME IN 1969												
Less than \$2,000	968	6	38	80	139	153	203	145	126	63	15	16 400
\$2,000 to \$2,999	562	-	10	20	65	96	210	99	56	6	-	16 600
\$3,000 to \$3,999	710	-	5	34	78	108	285	120	56	24	-	17 200
\$4,000 to \$4,999	592	-	4	15	81	80	195	107	91	14	5	17 700
\$5,000 to \$5,999	705	5	5	22	123	121	217	114	76	17	5	16 800
\$6,000 to \$6,999	742	-	11	43	58	92	251	167	101	16	3	18 200
\$7,000 to \$9,999	3 341	5	5	72	226	396	1 219	829	1 444	120	25	19 100
\$10,000 to \$14,999	7 974	-	24	45	269	591	2 148	2 686	1 805	355	51	21 700
\$15,000 to \$24,999	6 472	-	5	29	120	213	1 282	1 642	2 065	948	168	24 800
\$25,000 or more	2 077	-	6	4	4	21	70	265	606	736	369	36 400
Median	\$12 800	...	\$4 100	\$6 300	\$7 500	\$9 200	\$11 100	\$12 800	\$14 900	\$20 600	\$29 600	...
YEAR MOVED INTO UNIT												
1969 to March 1970	2 233	-	-	13	65	184	334	451	772	317	97	25 900
1968	2 205	-	7	12	68	85	379	676	550	292	136	24 100
1967	1 681	-	-	7	50	65	410	447	540	130	32	23 500
1965 and 1966	2 994	-	-	25	67	172	660	797	751	435	87	23 600
1960 to 1964	5 083	6	6	37	198	274	1 313	1 396	1 268	472	113	22 500
1950 to 1949	6 444	-	14	98	369	539	1 924	1 607	1 325	439	129	20 900
1949 or earlier	3 532	7	68	146	377	521	1 189	631	344	205	44	17 400
HEATING EQUIPMENT												
Steam or hot water	3 069	-	9	23	107	159	559	786	835	478	113	24 300
Warm-air furnace	20 426	5	74	282	935	1 619	5 358	5 317	4 534	1 790	512	21 800
Built-in electric units	69	-	-	-	-	5	29	13	-	12	10	...
Floor, wall, or pipeless furnace	197	-	5	35	53	27	38	24	10	5	-	13 000
Other means	382	11	19	26	68	61	96	34	47	14	6	15 300
None	-	-	-	-	-	-	-	-	-	-	-	-
AIR CONDITIONING												
Room unit(s)	6 680	6	20	51	433	541	1 783	1 900	1 425	434	87	21 300
Central system	2 433	-	-	-	25	22	259	428	680	685	334	32 100
None	15 059	7	75	287	736	1 277	4 167	3 677	3 445	1 171	217	21 300

¹Limited to one-family homes on less than 10 acres and no business on property.

Table B-2. Gross Rent of Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Madison	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	27 863	714	512	667	898	3 367	3 591	7 678	6 819	2 723	401	493	135
ROOMS													
1 room	2 832	416	296	289	209	622	469	348	132	15	9	27	88
2 rooms	3 200	115	64	152	303	587	544	676	603	104	9	43	113
3 rooms	6 814	135	75	98	234	1 400	1 089	2 111	1 398	182	63	59	125
4 rooms	7 842	15	52	64	99	624	965	2 774	2 403	684	63	99	142
5 rooms	4 847	6	10	52	48	91	481	1 394	1 737	898	36	94	158
6 rooms	1 594	14	5	6	5	5	62	317	399	579	106	94	192
7 rooms	488	5	10	—	—	11	11	52	106	192	85	16	221
8 rooms or more	246	6	—	6	—	27	—	6	41	69	30	61	209
Median	3.6	1.4	1.4	1.8	2.3	2.8	3.2	3.8	4.0	4.9	5.7	4.7	...
PERSONS													
1 person	8 736	600	428	480	605	1 563	1 546	1 959	1 207	172	18	158	108
2 persons	9 374	92	54	110	185	676	1 368	3 467	2 692	529	26	175	138
3 persons	4 759	15	25	32	42	601	414	1 202	1 654	665	37	72	150
4 persons	3 240	7	5	22	41	396	169	751	716	931	174	28	165
5 persons	1 143	—	—	11	6	126	35	167	371	273	130	24	179
6 persons or more	611	—	—	12	19	5	59	132	179	153	16	36	167
Median	2.1	1.1	1.1	1.2	1.2	1.7	1.7	2.0	2.3	3.5	4.2	2.0	...
Units with roomers, boarders, or lodgers	1 967	27	30	49	31	94	208	360	572	494	76	26	165
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	25 687	338	220	325	629	2 835	3 410	7 582	6 789	2 708	401	450	139
0.50 or less	11 182	201	123	165	362	1 026	1 742	3 650	2 798	795	46	274	135
0.51 to 1.00	12 845	130	97	117	212	1 357	1 524	3 662	3 560	1 720	295	171	144
1.01 to 1.50	1 244	7	—	11	38	382	83	157	343	168	55	—	139
1.51 or more	416	—	—	32	17	70	81	113	88	25	5	5	127
Lacking some or all plumbing facilities	2 176	376	292	342	269	532	181	81	96	30	18	43	72
0.50 or less	484	31	40	80	91	126	53	32	21	—	—	10	79
0.51 to 1.00	1 576	325	246	248	167	368	117	54	9	15	—	27	68
1.01 to 1.50	4	4	—	—	—	—	—	—	—	—	—	—	...
1.51 or more	112	16	6	14	11	38	11	10	—	—	—	6	84
BEDROOMS													
None	3 242	352	326	324	281	819	493	471	115	—	41	20	88
1	10 401	232	199	283	530	1 343	1 772	3 527	2 046	347	—	122	127
2	10 262	22	59	112	126	1 205	775	3 751	3 128	799	122	163	142
3 or more	3 986	—	21	34	17	102	209	651	1 055	1 464	291	142	192
YEAR STRUCTURE BUILT													
1969 to March 1970	1 253	—	—	—	—	44	67	206	653	243	26	14	173
1965 to 1968	4 794	129	66	48	87	492	263	1 131	1 678	719	111	70	154
1960 to 1964	4 937	58	6	13	108	482	371	1 813	1 586	411	43	46	143
1950 to 1959	3 595	11	20	47	75	478	350	1 212	1 016	284	12	90	139
1940 to 1949	2 752	56	25	88	94	292	575	890	471	180	16	63	127
1939 or earlier	10 532	460	395	471	532	1 579	1 965	2 426	1 415	886	193	210	118
ELEVATOR IN STRUCTURE													
4 floors or more	2 811	62	205	87	99	248	246	758	703	218	165	20	138
With elevator	2 248	62	79	21	59	207	184	573	679	197	165	20	146
Walk-up	563	—	126	66	40	41	60	185	24	21	—	—	103
1 to 3 floors	25 080	544	400	666	855	3 221	3 003	7 642	5 641	2 392	289	427	134
COMPLETE BATHROOMS													
1 and 1/2	24 554	305	146	270	614	2 738	3 369	7 311	6 747	2 405	259	390	139
2 or more	846	28	27	15	7	23	37	76	131	289	143	70	215
None or also used by another household	2 426	414	299	323	269	570	258	120	97	27	—	49	76
INCOME IN 1969													
Less than \$2,000	6 060	360	154	248	319	718	809	1 055	1 237	833	243	84	131
\$2,000 to \$2,999	2 521	97	124	94	58	435	350	607	475	227	35	19	125
\$3,000 to \$3,999	2 605	89	84	129	102	348	415	712	453	197	40	36	125
\$4,000 to \$4,999	1 947	51	38	101	335	341	528	368	108	—	—	41	123
\$5,000 to \$5,999	2 115	28	21	38	89	324	368	578	529	103	4	35	129
\$6,000 to \$6,999	1 741	25	19	33	60	262	237	643	368	79	—	15	131
\$7,000 to \$7,999	4 682	32	42	50	100	575	604	1 775	1 208	197	11	88	135
\$8,000 to \$8,999	4 121	27	19	33	69	306	355	1 304	1 409	492	11	96	148
\$9,000 to \$9,999	1 727	5	—	3	—	31	98	440	660	396	26	65	169
\$10,000 to \$14,999	344	—	11	—	—	33	14	36	112	91	31	16	181
\$15,000 to \$24,999	—	—	—	—	—	—	—	—	—	—	—	—	...
\$25,000 or more	—	—	—	—	—	—	—	—	—	—	—	—	...
Median	\$5 400	\$2 000	\$2 800	\$2 900	\$3 700	\$4 500	\$4 600	\$6 600	\$6 900	\$5 000	\$2000—	\$7 600	...
YEAR MOVED INTO UNIT													
1969 to March 1970	16 079	289	278	379	465	1 638	1 886	4 069	4 568	1 977	386	144	142
1968	4 223	182	83	71	130	624	546	1 223	915	364	10	75	131
1967	1 984	45	7	13	78	302	251	642	463	148	6	29	133
1965 and 1966	2 177	107	43	63	62	285	266	741	432	121	—	57	129
1960 to 1964	1 861	54	26	48	85	225	327	524	423	64	—	85	127
1950 to 1949	1 099	44	35	27	20	196	302	244	128	39	—	64	113
1949 or earlier	403	26	—	7	50	61	86	64	46	8	—	55	107
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 199	133	72	60	76	203	160	202	239	54	—	...	107
10 to 14 percent	3 432	81	64	83	128	586	458	1 068	729	208	27	...	129
15 to 19 percent	4 044	72	65	64	134	555	469	1 398	1 018	265	4	...	134
20 to 24 percent	3 525	72	64	102	104	393	447	1 128	887	313	15	...	135
25 to 34 percent	3 689	162	93	89	84	410	502	1 140	916	276	17	...	133
35 percent or more	10 865	173	149	251	361	1 104	1 462	2 581	2 936	1 534	314	...	142
Not computed	1 109	21	5	18	11	116	93	161	94	73	24	493	128
AIR CONDITIONING													
Room unit(s)	10 435	84	60	79	125	868	964	3 195	3 771	927	172	190	148
Central system	1 600	14	7	40	41	42	121	334	433	471	21	76	169
None	15 791	649	405	489	724	2 421	2 579	3 978	2 771	1 323	209	243	124

¹Excludes one-family homes on 10 acres or more.

Table B-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Madison	Total	Less than	\$2,000	\$3,000	\$4,000	\$5,000	\$6,000	\$7,000	\$10,000	\$15,000	\$25,000	Median (dollars)
		\$2,000	to \$2,999	to \$3,999	to \$4,999	to \$5,999	to \$6,999	to \$9,999	to \$14,999	to \$24,999	or more	
Owner occupied housing units	27 059	1 277	762	898	810	901	917	3 841	8 648	6 819	2 186	13 400
ROOMS												
1 and 2 rooms.....	135	23	22	19	15	17	—	20	14	5	—	4 200
3 rooms.....	475	116	35	50	55	31	35	89	42	18	4	4 700
4 rooms.....	3 012	247	141	226	227	238	182	597	826	304	24	6 200
5 rooms.....	9 129	397	343	253	224	338	357	1 549	3 510	1 933	225	11 600
6 rooms.....	7 050	294	175	242	189	163	207	1 069	2 458	1 836	417	12 400
7 rooms or more.....	7 258	200	46	108	100	114	136	517	1 798	2 723	1 516	17 200
PERSONS												
1 person.....	2 958	795	397	356	275	265	171	357	257	75	10	3 800
2 persons.....	7 355	275	240	400	353	387	399	1 243	2 023	1 547	488	10 900
3 and 4 persons.....	9 491	150	64	105	152	172	235	1 359	3 521	2 898	835	13 400
5 persons.....	3 490	37	36	17	15	44	44	436	1 336	1 106	419	14 200
6 persons or more.....	3 765	20	25	20	15	33	68	446	1 511	1 193	434	14 700
Units with roomers, boarders, or lodgers.....	781	139	53	62	59	45	49	127	114	80	53	6 700
BEDROOMS												
Less than 3.....	7 188	613	409	556	511	339	436	1 373	2 093	775	83	8 600
3.....	15 067	499	457	326	265	379	508	2 076	5 255	4 098	1 204	12 900
4 or more.....	4 721	195	35	98	61	19	123	382	1 228	1 483	1 097	16 500
YEAR STRUCTURE BUILT												
1969 to March 1970.....	631	11	—	15	5	17	5	93	251	190	44	13 400
1960 to 1968.....	6 601	131	57	85	65	93	182	802	2 405	1 990	791	13 900
1950 to 1959.....	8 283	189	155	138	185	243	217	1 167	2 958	2 852	646	13 100
1949 or earlier.....	11 544	946	550	660	555	548	513	1 779	3 034	2 254	705	10 400
YEAR MOVED INTO UNIT												
1969 to March 1970.....	2 552	71	55	60	80	54	69	497	864	699	103	12 300
1968.....	2 439	20	36	45	31	57	64	391	975	640	180	13 000
1960 to 1967.....	10 673	261	125	217	193	242	299	1 655	3 835	2 852	994	13 100
1959 or earlier.....	11 408	902	513	556	503	607	420	1 303	2 974	2 821	809	11 500
SELECTED CHARACTERISTICS												
Automatic clothes washing machine.....	21 278	580	474	452	449	352	712	2 803	7 378	5 812	2 266	13 300
Clothes dryer.....	19 581	516	340	323	356	368	577	2 626	6 782	5 368	2 325	13 500
Dishwasher.....	8 717	154	99	60	55	86	76	2 578	2 990	2 990	1 878	16 700
Home food freezer.....	12 097	467	364	301	354	179	409	1 700	3 872	3 105	1 346	12 900
Owned second home.....	1 661	63	65	38	27	24	40	1 161	392	536	285	14 900
With air conditioning.....	10 236	300	189	278	222	370	260	1 272	3 253	2 921	1 171	13 400
Room unit(s).....	7 677	227	170	247	214	323	234	1 061	2 705	2 001	495	12 500
Central system.....	2 559	73	19	31	8	47	26	211	548	920	676	18 400
Automobiles available:												
1.....	13 462	462	378	576	558	638	617	2 656	4 682	2 519	376	10 900
2.....	10 415	104	40	65	68	150	139	992	3 609	3 774	1 474	15 100
3 or more.....	1 223	18	4	—	8	21	11	51	229	665	216	19 100
Renter occupied housing units	27 960	6 071	2 531	2 611	1 952	2 119	1 757	4 692	4 145	1 727	355	5 400
ROOMS												
1 room.....	2 832	1 182	424	434	151	186	86	247	96	20	6	2 600
2 rooms.....	3 205	943	313	405	315	240	219	442	216	80	32	3 900
3 rooms.....	6 814	1 407	788	671	648	552	498	1 151	801	238	60	4 800
4 rooms.....	7 862	1 304	608	612	478	645	544	1 678	1 429	524	40	6 500
5 rooms.....	4 880	810	274	360	250	400	313	810	1 050	526	87	7 100
6 rooms or more.....	2 367	425	124	129	110	96	97	364	553	339	130	8 700
PERSONS												
1 person.....	8 752	2 606	1 102	1 100	682	707	521	1 129	614	209	82	3 600
2 persons.....	9 390	1 617	860	854	729	697	620	1 644	1 563	713	91	5 900
3 and 4 persons.....	8 050	1 613	493	578	478	607	501	1 572	1 493	585	130	6 500
5 persons.....	1 152	199	76	61	53	63	82	196	273	122	27	7 600
6 persons or more.....	616	36	—	18	10	45	33	149	202	98	25	10 400
Units with roomers, boarders, or lodgers.....	1 967	945	269	220	148	91	88	122	64	20	—	2 100
BEDROOMS												
None.....	3 242	1 239	576	441	333	181	176	199	59	17	21	2 700
1.....	10 401	2 202	975	892	892	1 030	963	1 818	1 165	392	39	5 200
2.....	10 300	2 085	698	904	673	908	691	1 542	1 858	821	120	5 900
3 or more.....	4 034	798	136	179	122	223	157	665	957	614	183	8 800
YEAR STRUCTURE BUILT												
1969 to March 1970.....	1 258	277	86	70	84	133	76	194	204	105	29	5 800
1960 to 1968.....	9 741	1 807	739	819	549	739	607	1 794	1 724	832	131	6 400
1950 to 1959.....	3 616	440	239	257	241	257	244	810	788	283	57	7 500
1949 or earlier.....	13 345	3 547	1 467	1 465	1 078	990	830	1 894	1 429	507	138	4 200
YEAR MOVED INTO UNIT												
1969 to March 1970.....	16 131	4 373	1 739	1 664	1 168	1 101	869	2 370	2 043	648	156	4 200
1968.....	4 229	665	247	382	261	332	297	903	777	305	60	6 800
1960 to 1967.....	6 039	668	468	408	416	495	418	1 326	1 178	559	103	7 300
1959 or earlier.....	1 527	266	144	186	90	86	111	268	198	149	29	5 900
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	27 863	6 060	2 521	2 605	1 947	2 115	1 741	4 682	4 121	1 727	344	5 400
Less than 15 percent.....	4 631	6	—	40	75	70	118	788	1 826	1 384	324	13 300
15 to 19 percent.....	4 044	—	23	111	70	243	330	1 517	1 547	199	4	9 500
20 to 24 percent.....	3 525	12	91	163	294	401	459	1 535	502	68	—	7 700
25 to 34 percent.....	3 489	148	191	401	627	829	654	683	145	11	—	5 600
35 percent or more.....	10 865	5 194	2 197	1 854	840	539	165	71	5	—	—	2 100
Not computed.....	1 109	700	19	36	41	33	15	88	96	65	16	2000—
SELECTED CHARACTERISTICS												
Automatic clothes washing machine.....	9 684	1 883	526	711	483	820	730	1 477	1 826	988	240	6 600
Clothes dryer.....	8 779	1 667	502	704	465	746	625	1 328	1 551	951	240	6 500
Dishwasher.....	2 196	199	107	82	84	152	86	370	454	507	155	10 200
Home food freezer.....	2 579	430	65	80	98	231	188	379	601	348	159	8 600
Owned second home.....	1 179	252	42	37	42	103	82	169	246	147	59	7 600
With air conditioning.....	12 059	2 142	890	1 023	730	833	666	2 174	2 256	1 101	244	6 400
Room unit(s).....	10 448	1 916	789	903	625	699	570	1 857	2 036	850	203	6 500
Central system.....	1 611	226	101	120	105	134	96	317	220	251	41	7 200
Automobiles available:												
1.....	15 091	1 985	994	1 297	1 140	1 308	1 024	3 452	2 794	904	193	6 800
2.....	3 732	408	143	187	160	167	233	676	1 030	612	116	9 500
3 or more.....	730	179	133	70	22	45	39	94	79	54	15	3 800

¹Excludes one-family homes on 10 acres or more.

Table B-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Madison	With all plumbing facilities						Lacking some or all plumbing facilities				
	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	27 059	26 796	13 180	11 900	1 552	164	263	209	54	-	-
PERSONS											
1 person.....	2 958	2 868	2 844	24	-	-	90	90	-	-	-
2 persons.....	7 355	7 249	7 019	215	-	15	106	101	5	-	-
3 persons.....	4 398	4 375	2 326	2 041	8	-	23	13	-	-	-
4 persons.....	5 093	5 060	672	4 388	-	-	33	5	28	-	-
5 persons.....	3 490	3 484	319	3 070	95	-	6	-	6	-	-
6 persons or more.....	3 765	3 760	-	2 162	1 449	149	5	-	5	-	-
Median.....	3.2	3.2	2.0	4.3	6.6	7.5+	1.9	1.6	...	-	-
Units with roomers, boarders, or lodgers.....	781	760	426	278	43	13	21	15	6	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970.....	616	609	205	384	20	-	7	-	7	-	-
1965 to 1968.....	2 731	2 731	1 051	1 502	166	12	-	-	-	-	-
1960 to 1964.....	3 914	3 907	1 351	2 143	386	27	7	7	-	-	-
1950 to 1959.....	8 135	8 101	3 385	4 029	608	79	34	14	20	-	-
1940 to 1949.....	3 222	3 199	1 783	1 283	114	19	23	23	-	-	-
1939 or earlier.....	8 454	8 302	5 388	2 622	254	38	152	120	32	-	-
INCOME IN 1969											
Less than \$2,000.....	1 277	1 204	1 022	156	16	10	73	68	5	-	-
\$2,000 to \$2,999.....	762	732	605	108	13	6	30	30	-	-	-
\$3,000 to \$3,999.....	898	874	745	114	10	5	24	24	-	-	-
\$4,000 to \$4,999.....	810	799	650	134	4	11	11	11	-	-	-
\$5,000 to \$5,999.....	901	885	664	193	23	5	16	5	11	-	-
\$6,000 to \$6,999.....	917	893	587	264	42	-	24	24	-	-	-
\$7,000 to \$9,999.....	3 841	3 813	1 843	1 643	284	19	28	15	13	-	-
\$10,000 to \$14,999.....	8 648	8 607	4 798	4 798	754	62	41	32	9	-	-
\$15,000 to \$24,999.....	6 819	6 809	2 898	3 543	337	31	10	-	10	-	-
\$25,000 or more.....	2 186	2 180	1 173	923	69	15	6	-	6	-	-
Median.....	\$12 400	\$12 400	\$10 800	\$13 500	\$12 500	\$12 100	\$4 400	\$3 300	...	-	-
VALUE-INCOME RATIO											
Specified owner occupied ¹	24 143	23 996	11 284	11 087	1 485	140	147	116	31	-	-
Less than 1.5.....	7 490	7 449	3 130	3 708	548	63	41	22	19	-	-
1.5 to 1.9.....	6 048	6 031	2 400	3 160	437	34	17	10	7	-	-
2.0 to 2.4.....	3 938	3 923	1 481	2 146	275	21	15	10	5	-	-
2.5 to 2.9.....	2 044	2 039	983	944	107	5	5	-	-	-	-
3.0 to 3.9.....	1 656	1 656	976	606	69	5	6	-	-	-	-
4.0 or more.....	2 905	2 836	2 271	514	39	12	69	69	-	-	-
Not computed.....	62	62	43	9	10	-	-	-	-	-	-
HEATING EQUIPMENT											
Steam or hot water.....	4 020	3 965	2 355	1 434	154	22	55	37	18	-	-
Warm-air furnace.....	22 205	22 031	10 421	10 129	1 344	137	174	138	36	-	-
Built-in electric units.....	82	82	32	41	4	5	-	-	-	-	-
Floor, wall, or pipeless furnace.....	232	232	79	144	9	-	-	-	-	-	-
Other means.....	520	486	293	152	41	-	34	34	-	-	-
None.....	-	-	-	-	-	-	-	-	-	-	-
Renter occupied housing units	27 960	25 779	11 219	12 890	1 254	416	2 181	489	1 576	4	112
PERSONS											
1 person.....	8 752	6 954	5 791	1 163	-	-	1 798	441	1 357	-	-
2 persons.....	9 390	9 081	4 897	4 004	-	180	309	43	171	-	95
3 persons.....	4 789	4 745	485	3 973	271	16	44	5	30	4	5
4 persons.....	3 261	3 231	34	2 708	425	64	30	-	18	-	12
5 persons.....	1 152	1 152	12	817	236	87	-	-	-	-	-
6 persons or more.....	616	616	-	225	322	69	-	-	-	-	-
Median.....	2.1	2.2	1.5	2.8	4.3	3.7	1.1	1.1	1.1	...	2.1
Units with roomers, boarders, or lodgers.....	1 967	1 875	474	1 192	135	74	92	5	50	-	37
YEAR STRUCTURE BUILT											
1969 to March 1970.....	1 275	1 262	558	615	48	41	13	-	13	-	-
1965 to 1968.....	4 728	4 548	1 674	2 488	293	93	180	30	118	-	32
1960 to 1964.....	5 052	4 847	1 715	2 692	309	131	205	26	172	-	7
1950 to 1959.....	3 504	3 432	1 307	1 785	289	51	72	8	57	-	7
1940 to 1949.....	2 680	2 507	1 187	1 246	61	13	173	47	112	-	14
1939 or earlier.....	10 687	9 169	4 824	3 990	295	60	1 518	345	1 110	6	57
INCOME IN 1969											
Less than \$2,000.....	6 071	5 179	2 190	2 626	282	81	892	119	711	-	62
\$2,000 to \$2,999.....	2 531	2 223	1 038	1 059	76	50	308	79	218	-	11
\$3,000 to \$3,999.....	2 611	2 276	1 099	1 040	94	43	335	58	266	-	11
\$4,000 to \$4,999.....	1 952	1 799	826	876	76	21	153	64	79	-	10
\$5,000 to \$5,999.....	2 119	1 993	882	986	79	46	126	47	79	-	-
\$6,000 to \$6,999.....	1 757	1 663	782	756	79	46	94	44	44	-	6
\$7,000 to \$9,999.....	4 692	4 522	1 842	2 347	262	71	170	56	114	-	-
\$10,000 to \$14,999.....	4 145	4 069	1 627	2 165	236	41	76	16	44	4	12
\$15,000 to \$24,999.....	1 727	1 711	757	886	51	17	16	6	10	-	-
\$25,000 or more.....	355	344	176	149	19	-	11	-	11	-	-
Median.....	\$5 400	\$5 700	\$5 500	\$5 900	\$6 300	\$5 300	\$2 600	\$3 800	\$2 400	...	\$2000-
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	27 863	25 687	11 182	12 845	1 244	416	2 176	484	1 576	4	112
Less than 10 percent.....	1 199	1 017	418	522	51	26	182	27	145	4	6
10 to 14 percent.....	3 432	3 238	1 370	1 595	216	57	194	59	123	-	12
15 to 19 percent.....	4 044	3 863	1 565	1 995	236	67	181	63	113	-	5
20 to 24 percent.....	3 525	3 286	1 430	1 684	132	40	239	74	165	-	-
25 to 34 percent.....	3 689	3 388	1 609	1 568	158	53	301	82	208	-	11
35 percent or more.....	10 865	9 920	4 313	5 024	421	162	945	158	731	-	56
Not computed.....	1 109	975	477	457	30	11	134	21	91	-	22
HEATING EQUIPMENT											
Steam or hot water.....	12 405	11 014	4 996	5 354	466	198	1 391	293	1 003	-	95
Warm-air furnace.....	13 192	12 523	5 274	6 443	646	160	669	164	490	4	11
Built-in electric units.....	1 327	1 266	429	701	84	52	61	14	41	-	6
Floor, wall, or pipeless furnace.....	438	424	248	169	7	-	14	3	11	-	-
Other means.....	592	546	272	217	51	6	46	15	31	-	-
None.....	6	6	-	6	-	-	-	-	-	-	-

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B-5. Rooms in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Madison	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	27 059	39	96	475	3 012	9 129	7 050	3 868	3 390	5.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	26 731	26	91	456	2 853	9 031	7 042	3 900	3 332	5.6
PERSONS										
1 person	2 958	24	54	244	766	931	625	198	116	4.9
2 persons	7 355	15	29	191	1 363	2 748	1 814	742	453	5.3
3 persons	4 398	-	8	40	491	1 520	1 291	654	394	5.6
4 persons	5 093	-	-	-	252	1 800	1 420	944	677	5.8
5 persons	3 490	-	-	-	95	1 147	890	593	765	6.1
6 persons or more	3 765	-	5	-	45	983	1 010	737	985	6.3
Median	3.2	...	...	1.5	2.0	3.1	3.3	3.9	4.6	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	26 796	39	86	451	2 936	9 056	7 000	3 854	3 374	5.6
0.50 or less	13 180	-	44	225	2 053	3 644	3 685	1 580	1 949	5.7
0.51 to 1.00	11 900	24	29	226	743	4 429	2 914	2 154	1 381	5.7
1.01 to 1.50	1 552	-	8	-	122	905	378	95	44	5.2
1.51 or more	164	15	5	-	18	78	23	25	-	5.1
Lacking some or all plumbing facilities	263	-	10	24	76	73	50	14	16	4.8
0.50 or less	209	-	10	19	76	35	45	14	10	4.5
0.51 to 1.00	54	-	-	5	-	38	5	-	6	...
1.01 to 1.50	-	-	-	-	-	-	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	...
BEDROOMS										
None and 1	1 172	36	82	386	392	191	85	-	-	3.7
2	6 016	-	-	63	2 636	2 646	578	93	-	4.6
3	15 067	-	-	124	124	6 213	5 558	2 320	852	5.7
4 or more	4 721	-	-	-	-	78	727	1 356	2 560	7.5+
YEAR STRUCTURE BUILT										
1969 to March 1970	631	-	4	5	35	185	151	126	125	6.1
1960 to 1968	6 601	14	11	62	363	2 232	1 450	1 109	1 360	5.9
1950 to 1959	8 283	-	23	60	953	3 891	1 969	843	544	5.3
1949 or earlier	11 544	25	58	348	1 661	2 821	3 480	1 790	1 361	5.7
COMPLETE BATHROOMS										
1 and 1 1/2	22 086	37	91	439	2 697	8 596	6 085	2 803	1 338	5.4
2 or more	4 673	-	5	23	156	441	957	1 097	1 994	7.2
None or also used by another household	313	-	9	39	107	96	37	12	13	4.5
VALUE-INCOME RATIO										
Specified owner occupied¹	24 143	3	18	238	2 075	8 192	6 674	3 721	3 222	5.7
Less than 1.5	7 490	-	5	65	745	2 589	1 920	1 153	1 013	5.7
1.5 to 1.9	6 048	-	-	31	386	2 342	1 579	968	742	5.7
2.0 to 2.9	5 982	3	9	45	409	1 806	1 783	939	988	5.9
3.0 or more	4 561	-	4	92	535	1 427	1 392	642	469	5.7
Not computed	62	-	-	5	-	28	-	19	10	...
Renter occupied housing units	27 960	2 832	3 205	6 814	7 862	4 880	1 618	503	246	3.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	24 841	979	2 593	6 481	7 660	4 766	1 593	515	254	3.8
PERSONS										
1 person	8 752	2 520	1 738	2 440	1 367	528	99	43	17	2.5
2 persons	9 390	275	1 117	3 058	3 203	1 378	259	58	42	3.6
3 persons	4 789	21	275	804	1 957	1 242	384	73	33	4.2
4 persons	3 261	16	60	425	1 051	1 073	465	137	34	4.6
5 persons	1 152	-	11	76	236	431	249	108	41	5.1
6 persons or more	616	-	4	11	48	228	162	84	79	5.6
Median	2.1	1.1	1.4	1.8	2.3	2.9	3.6	4.1	4.4	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	25 779	1 369	2 855	6 560	7 795	4 860	1 608	492	240	3.8
0.50 or less	11 219	-	1 445	2 324	4 522	1 901	732	163	132	3.9
0.51 to 1.00	12 890	1 163	1 070	3 724	2 989	2 731	815	295	103	3.7
1.01 to 1.50	1 254	-	271	425	261	201	57	34	5	3.3
1.51 or more	416	206	69	87	23	27	4	-	-	3.3
Lacking some or all plumbing facilities	2 181	1 463	350	254	67	20	10	11	6	1.5
0.50 or less	489	-	293	116	48	5	10	11	6	1.1
0.51 to 1.00	1 576	1 357	47	138	19	15	-	-	-	2.3
1.01 to 1.50	4	-	4	-	-	-	-	-	-	1.1
1.51 or more	112	106	6	-	-	-	-	-	-	1.0
BEDROOMS										
None	3 242	2 604	540	98	-	-	-	-	-	1.1
1	10 401	-	2 805	5 466	1 876	233	-	-	21	2.9
2	10 300	-	-	1 050	6 117	2 824	309	-	-	4.2
3 or more	4 034	-	-	-	122	1 859	1 366	549	138	5.5
YEAR STRUCTURE BUILT										
1969 to March 1970	1 258	135	122	348	380	208	48	11	6	3.6
1960 to 1968	9 741	836	1 365	2 512	3 070	1 373	440	64	81	3.6
1950 to 1959	3 616	215	283	831	1 252	792	195	32	16	3.9
1949 or earlier	13 345	1 646	1 435	3 123	3 160	2 507	935	396	143	3.6
COMPLETE BATHROOMS										
1 and 1 1/2	24 633	1 306	2 719	6 456	7 544	4 598	1 446	401	163	3.7
2 or more	860	50	20	84	154	181	153	114	104	5.2
None or also used by another household	2 433	1 491	414	345	86	59	30	-	8	1.3
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	27 863	2 832	3 200	6 814	7 842	4 847	1 594	488	246	3.6
Less than 10 percent	1 199	158	166	293	259	52	52	31	17	3.4
10 to 14 percent	3 432	208	322	810	1 099	720	197	48	28	3.8
15 to 19 percent	4 044	236	373	1 023	1 291	764	276	57	24	3.8
20 to 24 percent	3 525	263	339	851	1 140	629	240	56	7	3.6
25 to 34 percent	3 689	380	458	897	1 071	629	161	73	20	3.8
35 percent or more	10 865	1 459	1 426	2 746	2 743	1 677	546	186	82	3.4
Not computed	1 109	128	116	194	239	205	122	37	68	4.0

¹Limited to one-family homes on less than 10 acres and no business on property. ²Excludes one-family homes on 10 acres or more.

Table B-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

[Data based on a sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Madison	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	27 059	24 544	2 028	487	27 960	3 843	4 092	5 080	4 621	3 987	6 282	55
ROOMS												
1 room	39	6	28	5	2 832	64	16	155	458	533	1 596	10
2 rooms	96	18	51	27	3 205	94	119	457	585	666	1 279	5
3 rooms	475	248	162	65	6 814	258	747	1 232	1 137	1 389	2 046	5
4 rooms	3 012	2 107	632	273	7 862	753	1 709	1 876	1 500	1 012	986	26
5 rooms	9 129	8 317	704	108	4 880	1 315	1 164	1 058	749	302	287	5
6 rooms	7 050	6 771	270	9	1 618	805	270	244	163	68	64	4
7 rooms	3 868	3 768	100	—	503	379	44	45	18	11	—	—
8 rooms or more	3 390	3 309	81	—	246	175	23	13	11	6	18	—
Median	5.6	5.7	4.7	4.0	3.6	5.1	4.2	3.9	3.6	3.1	2.6	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	26 796	24 382	1 927	487	25 779	3 808	4 011	4 760	4 167	3 675	5 303	55
0.50 or less	13 180	11 493	1 422	265	11 219	1 426	1 870	2 450	1 946	1 308	2 188	31
0.51 to 1.00	11 900	11 242	460	198	12 890	2 087	1 987	2 136	2 036	1 918	2 706	20
1.01 to 1.50	1 552	1 504	34	14	1 254	247	139	160	138	345	225	—
1.51 or more	164	143	11	10	416	48	15	14	47	104	184	4
Lacking some or all plumbing facilities	263	162	101	—	2 181	35	81	320	454	312	979	—
0.50 or less	209	131	78	—	489	20	46	183	93	54	93	—
0.51 to 1.00	54	31	23	—	1 576	15	35	128	345	233	820	—
1.01 to 1.50	—	—	—	—	4	—	—	—	—	4	—	—
1.51 or more	—	—	—	—	112	—	—	9	16	21	66	—
BEDROOMS												
None	36	17	19	—	3 242	21	21	364	450	637	1 749	—
1	1 136	533	549	54	10 401	436	1 460	1 817	2 059	1 614	3 015	—
2	6 016	4 609	1 069	338	10 300	1 318	1 981	2 486	1 794	1 380	1 297	44
3	15 067	14 706	320	41	3 261	1 412	621	506	337	224	161	—
4 or more	4 721	4 606	115	—	773	583	68	22	22	58	20	—
YEAR STRUCTURE BUILT												
1969 to March 1970	631	558	16	57	1 258	73	118	62	200	164	637	4
1965 to 1968	2 718	2 479	73	166	4 799	236	217	269	670	1 045	2 336	26
1960 to 1964	3 883	3 572	160	151	4 942	428	345	856	900	1 041	1 347	25
1950 to 1959	8 283	7 909	283	91	3 616	786	392	1 095	455	570	318	—
1940 to 1949	3 140	2 978	157	5	2 781	608	526	548	681	215	203	—
1939 or earlier	8 404	7 048	1 339	17	10 564	1 712	2 494	2 250	1 715	952	1 441	—
INCOME IN 1969												
Less than \$2,000	1 277	991	250	36	6 071	549	773	863	955	987	1 924	20
\$2,000 to \$2,999	762	588	160	14	2 531	215	370	484	462	337	658	5
\$3,000 to \$3,999	898	737	131	30	2 611	234	325	463	441	346	802	—
\$4,000 to \$4,999	810	602	184	24	1 952	202	300	403	391	297	353	6
\$5,000 to \$5,999	901	729	126	46	2 119	232	279	465	311	354	474	4
\$6,000 to \$6,999	917	763	120	34	1 757	230	309	381	235	273	318	11
\$7,000 to \$9,999	3 841	3 388	309	144	4 692	727	847	840	803	659	816	—
\$10,000 to \$14,999	8 648	8 072	452	124	4 145	908	620	862	691	489	566	9
\$15,000 to \$24,999	6 819	6 558	226	35	1 727	413	225	301	292	196	300	—
\$25,000 or more	2 186	2 116	70	—	355	133	44	18	40	49	71	—
Median	\$12 400	\$12 800	\$7 400	\$8 200	\$5 400	\$8 100	\$6 000	\$5 700	\$5 200	\$5 100	\$3 700	...
YEAR MOVED INTO UNIT												
1969 to March 1970	2 552	2 248	169	135	16 131	1 824	2 241	2 587	2 746	2 442	4 250	41
1968	2 439	2 231	114	94	4 229	627	618	861	727	619	764	13
1967	1 894	1 707	93	94	1 984	336	300	392	291	319	340	6
1965 and 1966	3 256	3 058	117	81	2 183	376	334	498	337	306	332	—
1960 to 1964	5 523	5 159	291	73	1 872	344	323	485	261	191	268	—
1950 to 1959	6 772	6 306	430	36	1 046	263	207	161	151	69	195	—
1949 or earlier	4 636	3 844	774	18	481	124	84	49	76	54	94	—
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	27 863	3 746	4 092	5 080	4 621	3 987	6 282	55
Less than \$50	...	...	...	...	714	77	43	38	197	143	216	—
\$50 to \$59	...	...	...	...	512	14	39	62	81	58	258	—
\$60 to \$69	...	...	...	...	667	36	53	180	151	82	165	—
\$70 to \$79	...	...	...	...	898	100	123	131	165	189	190	—
\$80 to \$99	...	...	...	...	3 367	109	486	565	616	856	720	15
\$100 to \$119	...	...	...	...	3 591	325	866	762	598	406	612	22
\$120 to \$149	...	...	...	...	7 678	764	1 191	1 889	1 456	826	1 547	5
\$150 to \$199	...	...	...	...	6 819	1 243	722	1 015	946	1 084	1 796	13
\$200 to \$299	...	...	...	...	2 723	742	479	330	334	296	542	—
\$300 or more	...	...	...	...	401	102	40	64	44	23	128	—
No cash rent	...	...	...	...	493	234	50	44	33	24	108	—
Median	...	...	...	...	\$135	\$163	\$130	\$132	\$130	\$129	\$138	...
HEATING EQUIPMENT												
Steam or hot water	4 020	3 170	845	5	12 405	509	1 168	2 473	2 505	2 152	3 590	8
Warm-air furnace	22 205	20 692	1 078	435	13 192	3 050	2 698	2 254	1 766	1 468	1 915	41
Built-in electric units	82	74	8	—	1 327	65	39	133	182	269	639	—
Floor, wall, or pipeless furnace	232	202	25	5	438	60	69	88	87	40	88	6
Other means	520	406	72	42	592	159	118	132	81	52	50	—
None	—	—	—	—	6	—	—	—	—	6	—	—
AIR CONDITIONING												
Room unit(s)	7 677	6 804	723	150	10 448	825	683	1 571	1 680	1 798	3 858	33
Central system	2 559	2 482	62	15	1 611	135	154	143	308	323	548	—
None	16 836	15 267	1 203	366	15 867	2 934	3 270	3 319	2 601	1 879	1 837	27
AUTOMOBILES AVAILABLE												
1	13 462	12 011	1 099	352	15 091	2 130	2 271	2 833	2 569	2 308	2 954	26
2	10 415	9 896	400	119	3 732	923	672	697	591	376	452	21
3 or more	1 223	1 178	25	20	730	190	107	94	100	102	137	—
None	1 972	1 468	464	40	8 373	651	1 057	1 409	1 329	1 214	2 700	13

¹Excludes one-family homes on 10 acres or more.

Table B-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Madison	Total	Two-or-more-person households								One-person households		
		Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	27 059	314	4 014	5 717	8 843	2 511	397	195	1 388	722	1 356	1 602
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	26 796	314	4 009	5 705	8 799	2 454	382	189	1 369	707	1 342	1 526
0.50 or less	13 180	122	775	980	4 627	2 114	198	179	753	588	1 324	1 520
0.51 to 1.00	11 900	187	2 946	3 827	3 791	324	167	10	527	97	18	6
1.01 to 1.50	1 552	-	288	786	359	13	11	-	80	15	-	-
1.51 or more	164	5	-	112	22	3	6	-	9	7	-	-
Lacking some or all plumbing facilities	263	-	5	12	44	57	15	6	19	15	14	76
0.50 or less	209	-	-	8	22	50	10	-	14	15	14	76
0.51 to 1.00	54	-	5	4	22	7	5	6	5	-	-	-
1.01 to 1.50	-	-	-	-	-	-	-	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
UNITS IN STRUCTURE												
1	24 544	201	3 826	5 581	8 319	2 158	338	163	1 230	575	968	1 185
2 or more	2 028	15	93	111	481	327	46	32	131	147	260	385
Mobile home or trailer	487	98	95	25	43	26	13	-	27	-	128	32
INCOME IN 1969												
Less than \$2,000	1 277	5	15	35	76	92	15	6	100	138	175	620
\$2,000 to \$2,999	762	5	18	19	56	127	10	5	74	51	102	295
\$3,000 to \$3,999	898	10	14	9	43	266	6	22	85	87	99	257
\$4,000 to \$4,999	810	20	13	5	43	249	26	28	113	38	121	154
\$5,000 to \$5,999	901	9	27	38	151	232	5	26	108	40	190	75
\$6,000 to \$6,999	917	48	62	91	152	193	10	21	106	63	117	54
\$7,000 to \$7,999	3 841	90	865	619	926	465	65	14	328	112	261	96
\$8,000 to \$8,999	6 648	121	1 982	2 449	2 796	445	113	26	328	131	214	43
\$9,000 to \$9,999	6 819	6	876	1 855	3 363	342	119	22	126	35	67	8
\$10,000 to \$14,999	2 186	-	142	597	1 237	100	28	25	20	27	10	-
\$15,000 to \$24,999	12 400	\$9 000	\$12 500	\$14 200	\$15 500	\$7 600	\$12 700	\$6 500	\$8 000	\$6 100	\$6 000	\$2 600
\$25,000 or more												
Median												
VALUE-INCOME RATIO												
Specified owner occupied ¹	24 143	201	3 793	5 513	8 194	2 101	305	163	1 214	565	929	1 165
Less than 1.5	7 490	56	781	1 714	3 979	428	93	36	177	83	117	26
1.5 to 1.9	6 048	50	1 397	1 651	2 083	325	79	15	207	73	144	24
2.0 to 2.4	3 938	39	895	1 139	1 176	241	57	26	161	50	107	47
2.5 to 2.9	2 044	32	359	508	432	244	39	30	158	47	121	74
3.0 to 3.9	1 656	10	265	318	277	358	16	21	165	51	93	62
4.0 or more	2 905	14	96	183	237	505	21	35	327	256	329	902
Not computed	62	-	-	-	10	-	-	-	19	5	18	10
Renter occupied housing units	27 960	3 174	5 069	1 202	1 480	776	2 822	83	4 319	283	6 832	1 900
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	25 779	3 121	5 046	1 202	1 443	754	2 716	78	4 203	262	5 253	1 701
0.50 or less	11 219	855	1 110	124	638	413	776	39	1 294	179	4 192	1 599
0.51 to 1.00	12 890	2 146	3 391	717	742	336	1 734	27	2 561	73	1 061	102
1.01 to 1.50	1 254	69	485	256	36	-	121	6	281	-	-	-
1.51 or more	416	51	60	105	27	5	85	6	67	10	-	-
Lacking some or all plumbing facilities	2 181	53	23	-	37	22	106	5	116	21	1 599	199
0.50 or less	489	-	5	-	16	6	6	5	5	5	380	61
0.51 to 1.00	1 576	43	18	-	11	11	60	-	71	5	1 219	138
1.01 to 1.50	4	-	-	-	4	-	-	-	-	-	-	-
1.51 or more	112	10	-	-	6	5	40	-	40	11	-	-
UNITS IN STRUCTURE												
1	3 843	305	913	516	446	140	442	15	578	44	311	133
2 to 4	9 172	1 125	1 859	310	466	421	996	40	1 565	136	1 687	567
5 to 19	8 608	1 170	1 739	279	362	120	647	11	1 358	77	2 294	551
20 or more	6 282	574	554	91	201	95	712	17	813	26	2 550	649
Mobile home or trailer	55	-	4	6	5	-	25	-	5	-	10	-
GROSS RENT												
Specified renter occupied ²	27 863	3 174	5 050	1 186	1 456	776	2 822	83	4 297	283	6 836	1 900
Less than \$50	714	5	16	-	4	34	27	-	16	12	392	208
\$50 to \$59	512	6	5	-	11	18	10	-	34	-	339	89
\$60 to \$69	667	14	11	12	6	37	37	5	60	5	425	55
\$70 to \$79	898	41	91	31	25	16	34	6	43	6	466	139
\$80 to \$99	3 367	335	790	164	77	93	109	-	217	19	1 219	344
\$100 to \$119	3 591	386	502	131	128	150	227	11	427	83	1 259	287
\$120 to \$149	7 678	1 465	1 553	223	382	209	536	21	1 251	79	1 598	361
\$150 to \$199	6 819	829	1 577	287	497	164	972	27	1 209	50	921	286
\$200 to \$299	2 723	71	387	279	229	10	693	13	849	20	121	51
\$300 or more	401	-	15	24	16	-	154	-	174	-	13	5
No cash rent	493	22	103	35	81	45	23	-	17	9	83	75
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	27 863	3 174	5 050	1 186	1 456	776	2 822	83	4 297	283	6 836	1 900
Less than \$5,000	13 133	937	742	114	95	397	2 216	62	2 942	149	4 006	1 473
Less than 20 percent	325	5	-	-	-	36	21	-	25	-	193	45
20 to 24 percent	560	58	57	15	5	33	19	-	21	-	287	65
25 to 34 percent	1 367	103	202	14	17	53	78	11	89	16	571	213
35 percent or more	10 085	767	432	74	63	241	1 980	40	2 566	129	2 728	1 065
Not computed	796	4	51	11	10	34	118	11	241	4	227	85
\$5,000 to \$9,999	8 538	1 559	2 121	320	409	223	367	21	1 111	55	2 052	300
Less than 20 percent	3 066	487	657	134	176	75	51	-	174	23	993	90
20 to 24 percent	2 395	519	607	80	94	64	81	15	287	32	542	77
25 to 34 percent	2 166	446	474	75	89	65	144	-	387	-	409	74
35 percent or more	775	90	141	25	27	10	85	-	258	-	5	54
Not computed	136	17	42	6	23	9	6	-	5	-	23	5
\$10,000 to \$14,999	4 121	600	1 571	458	404	92	154	-	175	53	533	81
Less than 20 percent	3 373	556	1 279	382	311	74	80	-	128	44	461	58
20 to 24 percent	502	34	208	27	56	6	58	-	37	4	61	11
25 percent or more	150	5	43	30	17	6	16	-	10	-	11	12
Not computed	96	5	41	19	20	6	-	-	5	-	-	-
\$15,000 or more	2 071	78	616	294	548	64	85	-	69	26	245	46
Less than 20 percent	1 911	78	586	248	503	57	79	-	64	26	234	36
20 to 24 percent	68	-	15	31	17	-	6	-	5	-	-	-
25 percent or more	11	-	-	5	-	-	-	-	-	-	-	-
Not computed	81	-	15	10	28	7	-	-	-	-	11	10

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B—8. Persons in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Madison	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	27 059	2 958	7 355	4 398	5 093	3 490	2 116	1 097	552	3.2
BEDROOMS										
None and 1	1 172	569	526	57	20	—	—	—	—	1.5
2	6 016	1 281	3 004	1 174	384	131	42	—	—	2.1
3	15 067	1 077	3 199	2 942	3 709	2 353	1 247	384	156	3.6
4 or more	4 721	175	568	490	652	994	677	585	380	4.8
YEAR STRUCTURE BUILT										
1969 to March 1970	631	19	114	89	212	106	56	35	—	3.9
1965 to 1968	2 718	122	400	509	613	535	325	155	59	4.0
1960 to 1964	3 883	149	611	676	896	752	472	211	96	4.0
1950 to 1959	8 283	531	2 253	1 368	1 795	1 124	701	356	155	3.5
1940 to 1949	3 140	386	1 040	618	550	298	122	93	33	2.7
1939 or earlier	8 404	1 731	2 937	1 138	1 027	675	440	247	209	2.3
UNITS IN STRUCTURE										
1	24 544	2 153	6 378	4 040	4 895	3 415	2 059	1 059	545	3.4
2 or more	2 028	645	843	248	140	65	47	33	7	1.9
Mobile home or trailer	487	160	134	110	58	10	10	5	—	2.1
COMPLETE BATHROOMS										
1 and 1 1/2	22 086	2 581	6 492	3 669	3 998	2 604	1 534	816	392	3.0
2 and 2 1/2	4 230	221	672	629	1 000	811	501	270	126	4.1
3 or more	443	47	68	37	67	104	57	38	25	4.5
None or also used by another household	313	92	140	12	52	4	13	—	—	2.0
HOUSEHOLD COMPOSITION										
Two-or-more-person households	24 101	...	7 355	4 398	5 093	3 490	2 116	1 097	552	3.6
Male head, wife present, no nonrelatives	21 399	...	5 953	3 781	4 742	3 332	2 016	1 051	524	3.7
Under 25 years	314	...	108	124	68	9	5	—	—	2.9
25 to 34 years	4 014	...	367	698	1 535	891	382	125	16	4.1
35 to 44 years	5 717	...	300	530	1 456	1 418	1 010	665	338	4.9
45 to 64 years	8 843	...	3 159	2 083	1 587	988	610	257	159	3.1
65 years and over	2 511	...	2 019	346	96	26	9	4	11	2.1
Other male head	592	...	311	160	70	17	11	10	13	2.5
Under 65 years	397	...	155	138	53	17	11	10	13	2.8
65 years and over	195	...	156	22	17	—	—	—	—	2.1
Female head	2 110	...	1 091	457	281	141	89	36	15	2.5
Under 65 years	1 388	...	589	320	229	114	85	36	15	2.8
65 years and over	722	...	502	137	52	27	4	—	—	2.2
One-person households	2 958	2 958	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied ¹	24 143	2 094	6 288	3 939	4 846	3 379	2 029	1 023	545	3.4
less than 1.5	7 490	143	1 890	1 587	1 553	1 123	619	327	248	3.6
1.5 to 1.9	6 048	168	1 492	1 021	1 438	983	505	319	122	3.7
2.0 to 2.4	3 938	154	830	546	983	646	485	198	96	3.9
2.5 to 2.9	2 044	195	518	302	411	255	208	117	38	3.5
3.0 to 3.9	1 656	175	615	229	246	195	131	45	20	2.7
4.0 or more	2 905	1 231	933	249	206	177	76	17	16	1.7
Not computed	62	28	10	5	9	—	5	—	5	...
Renter occupied housing units	27 960	8 752	9 390	4 789	3 261	1 152	369	143	104	2.1
BEDROOMS										
None	3 242	2 848	394	—	—	—	—	—	—	1.1
1	10 401	4 236	4 992	916	158	82	17	—	—	1.7
2	10 300	1 432	3 737	2 640	2 061	328	72	30	—	2.5
3 or more	4 034	110	419	1 009	1 108	901	262	79	146	3.9
YEAR STRUCTURE BUILT										
1969 to March 1970	1 258	380	500	195	141	28	14	—	—	2.0
1965 to 1968	4 799	1 370	1 751	843	556	174	76	29	—	2.1
1960 to 1964	4 942	1 050	1 811	964	720	256	80	41	20	2.3
1950 to 1959	3 616	786	1 226	743	548	195	85	16	17	2.3
1940 to 1949	2 781	921	907	469	327	104	16	18	19	2.0
1939 or earlier	10 564	4 245	3 195	1 575	969	395	98	39	48	1.8
UNITS IN STRUCTURE										
1	3 843	444	889	840	779	469	235	104	83	3.2
2	4 092	752	1 467	990	649	193	26	10	5	2.4
3 and 4	5 080	1 502	1 861	889	544	212	56	6	10	2.1
5 to 9	4 621	1 531	1 657	815	428	142	37	11	—	2.0
10 to 19	3 987	1 314	1 397	700	460	93	11	6	6	2.0
20 or more	6 282	3 199	2 078	555	397	43	4	6	—	1.5
Mobile home or trailer	55	10	41	—	4	—	—	—	—	...
COMPLETE BATHROOMS										
1 and 1 1/2	24 633	6 726	8 799	4 628	2 979	1 003	314	118	66	2.1
2 or more	860	136	168	129	231	108	32	33	23	3.5
None or also used by another household	2 433	1 907	358	101	43	6	18	—	—	1.1
HOUSEHOLD COMPOSITION										
Two-or-more-person households	19 208	...	9 390	4 789	3 261	1 152	369	143	104	2.5
Male head, wife present, no nonrelatives	11 701	...	5 575	2 819	1 999	782	320	117	89	2.6
Under 25 years	3 174	...	2 001	915	217	36	5	—	—	2.3
25 to 34 years	5 069	...	1 969	1 300	1 225	405	134	30	6	2.9
35 to 44 years	1 202	...	202	147	354	224	136	72	67	4.2
45 to 64 years	1 480	...	729	385	178	112	45	15	16	2.5
65 years and over	776	...	674	72	25	5	—	—	—	2.1
Other male head	2 905	...	1 496	756	504	139	—	6	4	2.5
Under 65 years	2 822	...	1 441	740	504	127	—	6	4	2.5
65 years and over	83	...	55	16	—	12	—	—	—	—
Female head	4 602	...	2 319	1 214	758	231	49	20	11	2.5
Under 65 years	4 319	...	2 097	1 172	739	231	49	20	11	2.6
65 years and over	283	...	222	42	19	—	—	—	—	2.1
One-person households	8 752	8 752	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	27 863	8 736	9 374	4 759	3 240	1 143	364	143	104	2.1
less than 10 percent	1 199	385	387	229	112	60	17	5	4	2.1
10 to 14 percent	3 432	752	1 327	621	454	154	59	32	33	2.2
15 to 19 percent	4 044	973	1 449	722	566	170	99	30	35	2.2
20 to 24 percent	3 525	1 040	1 169	623	425	182	57	24	5	2.1
25 to 34 percent	3 689	1 293	1 201	602	398	130	33	17	15	2.0
35 percent or more	10 865	3 932	3 487	1 799	1 162	381	75	23	6	1.9
Not computed	1 109	361	354	163	123	66	24	12	6	2.0

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B-9. Duration of Vacancy for Year-Round Vacant for Rent Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Madison	Duration of Vacancy				Madison	Duration of Vacancy			
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	162	41	86	36	Vacant for rent	1 221	667	466	88
ROOMS					ROOMS				
1 to 3 rooms	4	4	-	-	1 room	177	130	40	7
4 rooms	8	4	-	4	2 rooms	94	51	38	5
5 rooms	38	14	20	4	3 rooms	332	218	95	19
6 rooms	51	4	33	14	4 rooms	469	182	239	48
7 rooms or more	62	15	33	14	5 rooms	105	59	37	9
					6 rooms	36	27	9	-
					7 rooms or more	8	-	8	-
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	159	37	86	36	With all plumbing facilities	1 094	571	442	81
Lacking some or all plumbing facilities	4	4	-	-	Lacking some or all plumbing facilities	127	96	24	7
BEDROOMS					BEDROOMS				
None and 1	-	-	-	-	None	180	131	49	-
2	-	-	-	-	1	427	267	160	-
3	79	-	49	30	2	588	207	336	45
4 or more	52	17	19	16	3 or more	102	85	17	-
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	42	18	21	3	1969 to March 1970	306	75	219	12
1960 to 1968	40	4	36	-	1960 to 1968	367	225	120	22
1950 to 1959	35	-	17	18	1950 to 1959	100	58	34	8
1949 or earlier	46	19	12	15	1949 or earlier	448	309	93	46
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	151	33	86	32	1	99	48	39	12
2 or more	12	8	-	4	2 to 4	261	160	62	39
					5 to 9	175	154	18	3
					10 to 19	165	94	71	-
					20 or more	521	211	276	36
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	21	8	-	13	Specified vacant for rent ²	1 221	667	466	88
Warm-air furnace	132	27	86	19	Less than \$50	9	-	9	-
Built-in electric units	6	6	-	-	\$50 to \$59	29	24	5	-
Floor, wall, or pipeless furnace	4	-	-	-	\$60 to \$79	83	52	22	9
Other means	4	-	-	4	\$80 to \$99	77	70	7	-
None	-	-	-	-	\$100 to \$119	160	94	45	24
					\$120 to \$149	283	200	63	70
					\$150 to \$199	339	161	167	11
					\$200 or more	241	66	148	77
					Median rent asked	\$147	\$134	\$175	-
SALES PRICE ASKED									
Specified vacant for sale ¹	151	33	86	32					
Less than \$5,000	-	-	-	-					
\$5,000 to \$9,999	4	-	-	4					
\$10,000 to \$14,999	4	-	-	4					
\$15,000 to \$19,999	20	3	17	-					
\$20,000 to \$24,999	27	4	12	11					
\$25,000 to \$34,999	45	5	34	6					
\$35,000 to \$49,999	36	14	18	4					
\$50,000 or more	15	7	5	3					
Median price asked	\$29 600	...	...	...		

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

Madison	Sales price asked - Vacant for sale ¹							Rent asked - Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	151	4	4	20	27	45	51	1 221	38	83	77	443	339	141
PLUMBING FACILITIES														
With all plumbing facilities	131	-	-	-	16	63	52	1 149	-	32	16	450	368	283
Lacking some or all plumbing facilities	-	-	-	-	-	-	-	148	17	65	34	16	-	16
BEDROOMS														
None and 1	-	-	-	-	-	-	-	607	17	97	50	246	164	33
2	-	-	-	-	-	-	-	588	-	-	-	203	204	181
3	79	-	-	-	16	63	-	68	-	-	-	-	-	66
4 or more	52	-	-	-	-	-	52	34	-	-	-	17	-	19
YEAR STRUCTURE BUILT														
1969 to March 1970	42	-	-	4	-	15	23	306	-	-	10	48	123	125
1960 to 1968	40	-	-	7	6	7	20	367	-	-	11	155	128	73
1950 to 1959	35	4	-	4	4	19	4	100	-	13	14	31	38	4
1949 or earlier	34	-	4	5	17	4	4	448	38	70	42	209	50	39
UNITS IN STRUCTURE														
1	...	...	...	...	...	...	...	99	5	9	8	64	13	-
2 to 4	...	...	...	...	...	...	...	261	15	16	22	149	47	12
5 to 19	...	...	...	...	...	...	...	340	11	21	34	125	115	34
20 or more	...	...	...	...	...	...	...	521	7	37	13	105	164	125
INCLUSION OF UTILITIES IN RENT														
All utilities included	...	...	...	...	...	...	...	404	20	60	25	171	75	53
Some or no utilities included	...	...	...	...	...	...	...	817	18	23	52	272	264	88

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Appendix A.—AREA CLASSIFICATIONS

USUAL PLACE OF RESIDENCE ..	App-1
COUNTIES	App-1
PLACES	App-1
STANDARD METROPOLITAN STATISTICAL AREAS	App-1

USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to 1790, each person enumerated in the 1970 census was counted as an inhabitant of his usual place of residence, which is generally construed to mean the place where he lives and sleeps most of the time. This place is not necessarily the same as his legal residence, voting residence, or domicile. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics although there may be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishing of residence rules for certain categories of persons whose usual place of residence is not immediately clear. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be found by the census enumerators. Persons without a usual place of residence were, however, counted where they were enumerated. Detailed information on residence rules is given in the 1970 Population Census PC(1)-A reports.

COUNTIES

The primary divisions of the States are, in general, termed counties, but in Louisiana these divisions are known as parishes. There are no counties in Alaska; in this State, statistical areas called census divisions were developed

for general statistical purposes through the cooperation of the State and the Census Bureau and are treated as county equivalents. In four States (Maryland, Missouri, Nevada, and Virginia), there are one or more cities which are independent of any county organization and thus constitute primary divisions of their States.

PLACES

Two types of places are recognized in the census reports, incorporated places and unincorporated places. Incorporated places are political units incorporated as cities, boroughs, towns, and villages except for (a) boroughs in Alaska and (b) towns in the New England States, New York, and Wisconsin. Unincorporated places are closely settled population centers without corporate limits for which the Census Bureau has delineated boundaries. Each place so delineated possesses a definite nucleus of residences and has its boundaries drawn to include, if feasible, all the surrounding closely settled area. Unincorporated places are identified with the letter "U."

STANDARD METROPOLITAN STATISTICAL AREAS

The Bureau of the Census recognizes 243 standard metropolitan statistical areas (SMSA's) in the United States and 4 in Puerto Rico, making a total of 247 in the 1970 census. These include the 231 SMSA's as defined and named in the Bureau of the Budget publication, **Standard Metropolitan Statistical Areas: 1967**, U.S. Government Printing Office, Washington, D.C. 20402. Since 1967, 16 SMSA's have been added, of which two were defined in January 1968 and an additional 14 were defined in February

1971 on the basis of the results of the 1970 census. Changes in SMSA boundaries or titles made after February 1971 are not recognized in this series of reports. SMSA's are defined by the Office of Management and Budget (formerly Bureau of the Budget).

Except in the New England States, a standard metropolitan statistical area is a county or group of contiguous counties which contains at least one city of 50,000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In addition to the county or counties containing such a city or cities, contiguous counties are included in an SMSA if, according to certain criteria, they are socially and economically integrated with the central city. In the New England States, SMSA's consist of towns and cities instead of counties. Each SMSA must include at least one central city, and the complete title of an SMSA identifies the central city or cities. For a detailed description of the criteria used in defining SMSA's, see the Bureau of the Budget publication cited above.

The figures for central cities shown in this report may differ from those shown in the Housing Census HC(1)-A and HC(1)-B reports. In those reports, if a central city of an SMSA is an extended city (so designated because it has extended its boundaries to include territory essentially rural in character), the figures shown for the central city were restricted to the urban portion of the city. In addition, parts of central cities outside the SMSA boundaries were excluded from the central city tabulations. In this report, however, figures for central cities refer to the entire population and housing within the legal city boundaries, including any rural parts of the city or parts outside the SMSA.

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

GENERAL	App-2	Gross rent	App-8
Self-enumeration and census questionnaire	App-2	Rent asked	App-8
Comparability with 1960 data ..	App-2	Value-income ratio	App-8
LIVING QUARTERS	App-3	Gross rent as percentage of income	App-8
Housing units	App-3	HOUSEHOLD CHARACTERISTICS	App-8
Group quarters	App-3	Head of household	App-8
Rules for mobile homes, hotels, rooming houses, etc.	App-3	Household composition	App-8
Institutions	App-4	Nonrelative	App-9
OCCUPANCY AND VACANCY CHARACTERISTICS	App-4	Family or primary individual ...	App-9
Occupied housing units	App-4	Income in 1969	App-9
Race	App-4	FACSIMILES	App-10
Spanish heritage	App-4	Housing Pages in the 1970 Census Questionnaires	App-10
Tenure	App-4	Respondent Instructions for the Housing Questions in the 1970 Census	App-13
Year moved into unit	App-4	GENERAL	
Vacant housing units	App-4	Self-enumeration and census questionnaire.—As stated in the introductory text of this report, the 1970 census was conducted primarily through self-enumeration. Furthermore, census takers were instructed to read the questions directly from the questionnaire in their telephone and personal visit interviews. The questionnaire pages containing the housing questions asked on a 100-percent basis and the additional questions asked on a sample basis, as well as the page of the respondent instruction sheet which relates to these questions, are reproduced on pages App-10 to App-13. The definitions and explanations given below for each subject are, to a considerable extent, drawn from various technical and procedural materials used in the collection of the data. This material helped the enumerative personnel to understand more fully the intent of each question and thus to resolve problem or unusual cases. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.	
Vacancy status	App-5		
Duration of vacancy	App-5		
UTILIZATION CHARACTERISTICS	App-5		
Persons	App-5		
Rooms	App-5		
Persons per room	App-5		
Bedrooms	App-5		
STRUCTURAL AND PLUMBING CHARACTERISTICS	App-5		
Direct access	App-5		
Complete kitchen facilities	App-5		
Year structure built	App-6		
Units in structure	App-6		
Elevator in structure	App-6		
Plumbing facilities	App-6		
Complete bathrooms	App-6		
EQUIPMENT, FUELS, AND APPLIANCES	App-6		
Heating equipment	App-6		
Air conditioning	App-7		
Automobiles available	App-7		
Automatic clothes washing machine	App-7		
Clothes dryer	App-7		
Dishwasher	App-7		
Home food freezer	App-7		
Owned second home	App-7		
FINANCIAL CHARACTERISTICS	App-7		
Value	App-7		
Sales price asked	App-7		

Comparability with 1960 data.—Although the 1970 data are generally comparable with the data collected in 1960, certain changes have been introduced. The 1960 inquiry regarding owner occupancy has been subdivided to show a separate category for cooperatives and condominiums in 1970. The 1960 question on cooking equipment was broadened in 1970 to cover "complete kitchen facilities"; i.e., an installed sink with piped water, a range or cookstove, and a mechanical refrigerator. On the other hand, the 1960 question on condition of housing unit (i.e., sound, deteriorating, or dilapidated) was eliminated because of serious problems with response reliability.

Items which were added to the 1970 questionnaire are dishwasher and owned second home. The 1960 inquiry on television has been subdivided to provide separate information on television sets which can receive UHF broadcasts. The 1970 inquiry on radios is limited to battery-operated sets including car radios, whereas the 1960 inquiry covered radio sets of all kinds located in the unit. Data on television sets and radios are not given in this report; statistics on these appliances, however, are presented in the 1970 Housing Census, HC(1)-B reports.

There have also been changes in the scope of some of the tabulations. The tabulations on value and contract rent refer to slightly different sets of housing units in 1970 than in 1960. Summarized generally, the difference is that the 1970 data exclude units on places of 10 acres or more whereas the 1960 data exclude units on farms; more specific information can be obtained by comparing the value and rent definitions in the present report with those in 1960 Housing Census Volume I.

Data on elevator in structure were collected for all geographic areas in 1970. In 1960, statistics on elevator in structure were collected only for large places; that is, places which had a population of 50,000 or more in 1950 or in an interim census.

Separate data on a number of subjects are presented for occupied units with Negro head of household. In 1960, this type of tabulation related to the total of all household heads other than white; Negro household heads constituted 95 percent of this total in 1960 for the Nation as a whole, but this proportion varied widely among areas.

Separate data are also shown in this report for housing units occupied by heads of Spanish heritage, that is, household heads of Spanish language or Spanish surname in five Southwestern States (Arizona, California, Colorado, New Mexico, and Texas), heads of Puerto Rican birth or parentage in New York, New Jersey, and Pennsylvania, and heads of Spanish language in all other States. In 1960, household heads of Spanish surname were identified in the five Southwestern States and Puerto Rican heads of households were identified in all other States. More information on the 1970 definition is given in this report and in the 1970 Population Census Series PC(1)-C reports; the 1960 definition is more fully explained in the 1960 Census of Housing Volume I reports.

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house,

mobile home or trailer, etc.). Living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a watchman lives), as well as in tents, caves, old railroad cars, etc.

Housing units.—A housing unit is a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. Separate living quarters are those in which the occupants do not live and eat with any other persons in the structure and which have either (1) direct access from the outside of the building or through a common hall or (2) complete kitchen facilities for the exclusive use of the occupants. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the section on group quarters). For vacant units, the criteria of separateness, direct access, and complete kitchen facilities for exclusive use are applied to the intended occupants, whenever possible. If the information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing inventory, except that mobile homes, trailers, tents, caves, boats, railroad cars, and the like, are included only if they are occupied.

Group quarters.—Group quarters are living arrangements for institutional inmates or for other groups containing five or more persons not related to the person in charge. Group quarters are located most frequently in institutions, boarding houses, military barracks, college dormitories, fraternity and sorority houses, hospitals, mona-

steries, convents, and ships. A house or apartment is considered group quarters if it is shared by the person in charge and five or more persons unrelated to him, or if there is no person in charge, by six or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Rules for mobile homes, hotels, rooming houses, etc.—Mobile homes or trailers, tents, boats, or railroad cars are not enumerated if vacant, used only for business, or used only for vacations.

Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels, motels, and similar places in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have either direct access or complete kitchen facilities for exclusive use, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain four or fewer roomers unrelated to the head, they are classified as one housing unit; if the combined quarters contain five or more roomers unrelated to the head or person in charge, they are classified as group quarters. In a dormitory, residence hall, or similar place, living quarters of the supervisory staff and other employees are separate housing units if they satisfy the housing unit

criteria; other living quarters are considered group quarters.

Institutions.—Living quarters of staff personnel are separate housing units if they satisfy the housing unit criteria. Other living quarters are considered group quarters.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied housing units.—A housing unit is classified as occupied if a person or group of persons is living in it at the time of enumeration or if the occupants are only temporarily absent—for example, on vacation. However, if the persons staying in the unit have their usual place of residence elsewhere, the unit is classified as vacant.

A household consists of all the persons who occupy a housing unit. By definition, therefore, the count of occupied housing units is the same as the count of households in the 1970 Census of Population reports. In some cases, however, there may be small differences in the counts resulting from processing procedures.

Race.—The classification by race shown here refers to the race of the head of the household occupying the housing unit. Detailed characteristics of units with Negro head of household are presented in separate tables for SMSA's, cities or places having a Negro population of 25,000 or more. The concept of race as used by the Census Bureau does not denote clear-cut scientific definitions of biological stock. The data represent essentially self-classification by people according to the race with which they identify themselves.

Spanish heritage.—The inquiries in the 1970 census permit the identification of housing units occupied by heads of Spanish heritage by various means: birthplace, birthplace of parents, language, and surname. The specific types of identification are given below. A more detailed explanation is given in the 1970 Population Census PC(1)-C reports.

Puerto Rican birth or parentage.—Household heads of Puerto Rican birth or parentage are identified in the three Middle Atlantic States: New York, New Jersey, and Pennsylvania.

Spanish language or Spanish surname.—In five Southwestern States—Arizona, California, Colorado, New Mexico, and Texas—household heads of Spanish language or Spanish surname are identified. (A household head is classified as of Spanish language if the head or his wife reported Spanish as his or her mother tongue, i.e., the language spoken at home when the person was a child.)

Spanish language.—In all other States and the District of Columbia, household heads of Spanish language (as defined above) are identified.

Detailed characteristics of units with heads of Spanish heritage are presented in separate tables for SMSA's, cities or places having a population of 25,000 or more for the particular Spanish-heritage group.

Tenure.—(See facsimiles of questionnaire item H9 and instructions on pages App-10 and App-13.) A housing unit is "owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. A

cooperative or condominium unit is "owner occupied" only if the owner or co-owner lives in it. All other occupied units are classified as "renter occupied," including units rented for cash rent and those occupied without payment of cash rent.

Year moved into unit.—Data on year moved into unit are based on the information reported for the head of the household. The question refers to the year of latest move. Thus, if the head moved back into a unit he had previously occupied, the year of his latest move was to be reported; if he moved from one apartment to another in the same building, the year he moved into his present unit was to be reported. The intent is to establish the year the present occupancy by the head began. The year the head moves is not necessarily the same year other members of the household move, although in the great majority of cases the entire household moves at the same time.

Vacant housing units.—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. In addition, a vacant unit may be one which is occupied entirely by persons who have a usual residence elsewhere.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if unfit for human habitation; that is, if the roof, walls, windows, or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also

excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy status.—(See facsimile of questionnaire item C on page App-10.) Vacant housing units are classified as either "seasonal and migratory" or "year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year. Included are units intended for recreational use, such as beach cottages and hunting cabins, and vacant units held for herders and loggers. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season. "Year-round" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered year-round. A unit used only occasionally throughout the year is also considered year-round.

This report presents statistics for "year-round" vacant units on the market for sale or for rent. Excluded are "seasonal and migratory" vacant units, as well as "year-round" vacant units sold or rented but not yet occupied by the new owner or renter, units held for the occasional use of the owner, and units held off the market for other reasons.

Vacant for sale.—Vacant year-round units "for sale" also include vacant units in a cooperative or condominium building if the individual units are offered for sale only.

Vacant for rent.—Vacant year-round units "for rent" also include vacant units offered either for rent or for sale.

Duration of vacancy.—(See facsimile of questionnaire item D on page App-10.) The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration. The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

UTILIZATION CHARACTERISTICS

Persons.—All persons occupying the housing unit are counted. These persons include not only occupants related to the head of the household but also any lodgers, roomers, boarders, partners, wards, foster children, and resident employees who share the living quarters of the household head. The data on "persons" show the number of housing units occupied by the specified number of persons.

Units with one or more roomers, boarders, or lodgers are shown as a separate category. Not included as "roomers, boarders, or lodgers" are servants who live in, companions, partners, etc.

Rooms.—(See facsimiles of questionnaire item H4 and instructions on pages App-10 and App-13.) The statistics on "rooms" are in terms of the number of housing units with specified number of rooms. The intent of this question was to count the number of whole rooms used for living purposes. As stated on the questionnaire and instruction sheet, bathrooms, foyers,

utility rooms, unfinished attics or basements, etc., are not included in the count of rooms.

Persons per room.—"Persons per room" is computed for each occupied unit by dividing the number of persons in the unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of housing units having the specified ratio of persons per room.

Bedrooms.—(See facsimile of questionnaire item H26 on page App-12.) The number of bedrooms in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a hideaway bed, are not considered bedrooms. A housing unit consisting of only one room, such as one-room efficiency apartment, is classified, by definition, as having no bedroom.

STRUCTURAL AND PLUMBING CHARACTERISTICS

Direct access.—(See facsimiles of questionnaire item H2 and instructions on pages App-10 and App-13.) A housing unit is regarded as having direct access if there is (1) a direct entrance from the outdoors, or (2) an entrance from a hall, lobby, or vestibule which is usually used by the occupants of more than one unit or by the general public.

Complete kitchen facilities.—(See facsimiles of questionnaire item H3 and instructions on pages App-10 and App-13.) A unit has complete kitchen facilities when it has all three of the

following: (1) an installed sink with piped water, (2) a range or cookstove, and (3) a mechanical refrigerator.

All kitchen facilities must be located in the structure. They need not be in the same room. Quarters with only portable cooking equipment are not considered as having a range or cookstove. An icebox is not included as a mechanical refrigerator.

The kitchen facilities are for the exclusive use of the occupants (shown on the questionnaire as "for this household only") when they are used only by the occupants of one housing unit, including lodgers or other unrelated persons living in the unit. When a structure consists of only one housing unit, all equipment located inside the structure is classified, by definition, for exclusive use.

Year structure built.—(See facsimile of questionnaire item H15 on page App-11.) Year structure built refers to when the building was first constructed, not when it was remodeled, added to, or converted. The figures relate to the number of units in structures built during the specified periods and in existence at the time of enumeration.

Units in structure.—(See facsimiles of questionnaire item H16 and instructions on pages App-11 and App-13.) In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented in terms of the number of housing units in structures of specified type and size, not in terms of the number of residential structures.

A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. Structures containing

only one housing unit are further classified as detached or attached (as explained on the questionnaire and instruction sheet).

Mobile homes and trailers are shown as a separate category. When one or more rooms have been added to a mobile home or trailer it is classified as a one-family house. If, however, only a porch or shed has been added, it is still counted as a mobile home or trailer.

The data on units in structure shown in this report may differ from the comparable figures in the HC(1)-A report. The answers to item H16 on the sample questionnaire made it possible in the HC(2) tabulations to correctly classify as mobile homes or trailers those which were incorrectly classified as one-family houses or as housing units in multiunit structures in the HC(1)-A tabulations.

Elevator in structure.—(See facsimiles of questionnaire item H24 and instructions on pages App-12 and App-13.) Statistics on elevator in structure are presented in terms of the number of housing units in structures with four stories or more which have a passenger elevator. Units are in a "walk-up" structure of four stories or more if the structure has no passenger elevator or if the only elevator service is for freight.

Plumbing facilities.—(See facsimiles of questionnaire items H5, H6, and H7 and instructions on pages App-10 and App-13.) The category "with all plumbing facilities" consists of units which have hot and cold piped water inside the structure as well as a flush toilet and a bathtub or shower inside the structure for the exclusive use of the occupants of the unit. "Lacking some or all plumbing facilities" means that the unit does not have all three

specified plumbing facilities (hot and cold piped water, as well as flush toilet and bathtub or shower inside the structure), or that the toilet or bathing facilities are also for the use of the occupants of other housing units.

Complete bathrooms.—(See facsimile of questionnaire item H21 on page App-11.) A housing unit is classified as having a complete bathroom if it has a room with a flush toilet and bathtub or shower for the exclusive use of the occupants of the unit and a wash basin, as well as piped hot water in the structure. (Although the instructions on the questionnaire do not specify that a complete bathroom must have hot water, this requirement was applied during the processing of the data in an edit combining the items on complete bathrooms and piped water in structure.) A half bathroom has either a flush toilet or a bathtub or shower for exclusive use, but does not have all the facilities for a complete bathroom.

The category "none or also used by another household" consists of units with no bathroom facilities, units with only a half bathroom, and units with bathroom facilities which are also for the use of the occupants of other housing units.

EQUIPMENT, FUELS, AND APPLIANCES

Heating equipment.—(See facsimiles of questionnaire item H14 and instructions on pages App-11 and App-13.) "Steam or hot water" refers to a central heating system in which heat from steam or hot water is delivered through radiators or other outlets. "Warm-air furnace" refers to a central system which provides warm air through ducts leading to various rooms; central heat pumps are

included in this category. "Built-in electric units" are permanently installed in floors, walls, or ceilings. A "floor, wall, or pipeless furnace" delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. "Other means" includes room heaters with or without flue, fireplaces, stoves, and portable heaters of all types.

For vacant units from which the heating equipment had been removed, the equipment used by the last occupants was to be reported.

Air conditioning.—(See facsimiles of questionnaire item H22 and instructions on pages App-11 and App-13.) Air conditioning is defined as the cooling of air by a refrigeration unit; excluded are evaporative coolers, fans, or blowers which are not connected to a refrigeration unit. A central system is a central installation which air-conditions the entire housing unit. In an apartment building, a central system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A central installation with individual room controls is a central air-conditioning system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room.

Automobiles available.—(See facsimiles of questionnaire item H23 and instructions on pages App-11 and App-13.) Statistics on automobiles available represent the number of passenger automobiles, including station wagons, which are owned or regularly used by any member of the household and

which are ordinarily kept at home. Taxicabs, pickups, or larger trucks were not to be counted. The figures include leased automobiles and company-owned automobiles kept at home. The statistics, therefore, do not reflect the number of automobiles privately owned or the number of households owning automobiles.

Appliances.—(See facsimiles of questionnaire items H27 and instructions on pages App-12 and App-13.)

Automatic clothes washing machine.—This category describes a machine that washes, rinses, and damp dries in the same tub; washer-dryer combinations are included in this group.

Clothes dryer.—A clothes dryer is a mechanical appliance in which clothes are dried by heated air. A unit with a washer-dryer combination is classified as having a clothes dryer (as well as an automatic clothes washing machine.)

Dishwasher.—This category includes both built-in and portable dishwashers.

Home food freezer.—A home food freezer is an appliance, separate from the refrigerator, designed for freezing food and for storing frozen food.

Owned second home.—(See facsimiles of questionnaire item H30 and instructions on pages App-12 and App-13.) A second home may be a single-family house, vacation cottage, hunting cabin, ski lodge, etc., which is owned and held for use sometime during the year by the owner or members of his household. Second homes may also be owned in partnership with members of a different household. The figures include second homes which are some-

times rented or leased on a short-term basis to other persons but are principally held for the owner's occasional use during the year.

The statistics refer to the number of households that own (one or more) second homes. The data, therefore, do not reflect the number of owned second homes.

FINANCIAL CHARACTERISTICS

Value.—(See facsimiles of questionnaire item H11 and instructions on pages App-10 and App-13.) Value is the respondent's estimate of how much the property (house and lot) would sell for if it were for sale. The statistics on value are shown only for one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The value tabulations also exclude mobile homes and trailers and units in cooperatives and condominiums.

As stated in the section on "units in structure," certain mobile homes and trailers were incorrectly classified as one-family houses in the HC(1)-A tabulations. In the HC(2) reports, the number of specified owner-occupied (one-family) units and the value tabulations correctly exclude the misclassified mobile homes and trailers; these tend to be at the lower end of the value distribution. As a result, the data on value shown in this report may differ from the comparable statistics in the HC(1)-A report.

Sales price asked.—For vacant units, the sales price is the amount asked for the property at the time of enumeration. The statistics on sales price are shown only for vacant for sale one-family houses on less than 10 acres without a commercial establishment or medical office on the property.

Gross rent.—(See facsimiles of questionnaire items H12 and H13 and instructions on pages App-10, 11, and 13.) The computed rent termed "gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, water) and fuels (oil, coal, kerosene, wood, etc.), if these items are paid for by the renter (or paid for him by someone else, such as a relative, welfare agency, or friend) in addition to rent. Contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included. Thus, gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuel as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but they are converted to monthly figures in the computation process.

The statistics on rent exclude one-family houses on ten acres or more. Renter units occupied without payment of cash rent are shown separately as "no cash rent" in the rent tabulations.

Rent asked.—For vacant units, the rent is the amount asked for the unit at the time of enumeration. The data are for vacant year-round units for rent, excluding one-family houses on ten acres or more. In table 10, data are provided for two kinds of vacant-for-rent units—those for which the rent includes payment for all utilities and fuel, and those for which the rent includes only some or none of the utilities and fuel. See section on "Gross rent" above for discussion of utilities and fuel.

Value-income ratio.—The value-income ratio is computed by dividing the value

of the housing unit by the total income in 1969 of the family or primary individual. The ratio is presented for the same owner-occupied units for which value was tabulated; thus, the statistics on value-income ratio reflect the exclusion of certain owner-occupied units. The ratio was computed separately for each unit and was rounded to the nearest tenth. In reporting value, respondents were asked to select an appropriate class interval. The midpoints of the value intervals were used in the computation of the value-income ratio, except that a mean of \$3,500 was assigned for values less than \$5,000 and a mean of \$60,000 was assigned for values of \$50,000 or more. For income, the dollar amounts were used. Units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

Gross rent as percentage of income.—The yearly gross rent (monthly gross rent multiplied by 12) is expressed as a percentage of the total income in 1969 of the family or primary individual. The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics on gross rent as percentage of income reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. For gross rent, the dollar amounts were used in the computation except that \$999 was assigned for monthly rentals of \$1,000 or more. For income, the dollar amounts were used. Units for which no cash rent is paid and units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

HOUSEHOLD CHARACTERISTICS

Head of household.—One person in each household is designated as the "head," that is, the person who is regarded as the head by the members of the household. However, if a married woman living with her husband is reported as the head, her husband was considered the head for the purpose of simplifying the tabulations.

Household composition.—Statistics by age of head are presented separately for two-or-more person households and for one-person households. Households having two or more persons are further subdivided as follows:

Male head, wife present, no non-relatives.—Each household in this group consists of the head and his wife, and other persons, if any, all of whom are related to him.

Other male head.—This category includes households with male head, wife present, with non-relatives living with them; male heads who are married, but with wife absent because of separation or other reason where husband and wife maintain separate residences; and male heads who are widowed, divorced, or single.

Female head.—This group comprises households with female heads regardless of their marital status. Included are female heads with no spouse and female heads whose husbands are living away from their families, as for example, husbands in the Armed Forces living on military installations.

Households consisting of only one person are shown separately as "one-person households" and are not included in the subcategories "other male head" and "female head."

APPENDIX B—Continued

Nonrelative.—A nonrelative of the head is any person in the household who is not related to the head by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards, and foster children are included in this category.

Family or primary individual.—Housing units are occupied by either "families" or "primary individuals." The term "family" refers to the head of a household and all (one or more) other persons living in the same household who are related to the head by blood, marriage, or adoption. If the head lives alone or with nonrelatives only, then the head is considered a "primary individual."

Married couples related to the head of a family are included in the family and are not considered as separate families. A lodger, servant, or other person unrelated to the head is considered a member of the household but not of the family.

In the statistics on household composition, families are always included in one of the three major groups of two-or-more person households. Primary individuals with nonrelatives living with them are tabulated as "other male head" or "female head." Primary individuals living alone are always tabulated as "one-person households."

Income in 1969.—Income is the sum of the amounts reported for wage and salary income, net self-employment income, Social Security or railroad retirement income, public assistance or welfare income, and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, health insurance premiums, Medicare deductions, etc.

In this report, the statistics relate to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Incomes of persons living in the unit but not related to the head of the household are not included in this sum. Although the income statistics cover the calendar year 1969, the characteristics of the household refer to the time of enumeration (April 1970). Thus, the income of the family does not include amounts received by persons who were members of the family during all or part of the calendar year 1969 if these persons no longer resided with the family at the time of the census. On the other hand, family income includes amounts reported by related persons who did not reside with the family during 1969 but who were members of the family at the time of enumeration. For most families, however, the income reported was received by persons who were members of the family throughout 1969.

Wage or salary income is defined as the total money earnings received for work performed as an employee at any time during the calendar year 1969. It includes wages, salary, pay from Armed Forces, commissions, tips, piece rate payments, and cash bonuses earned. Net self-employment income is defined as net money income (gross receipts minus operating expenses) received from a business, farm, professional enterprise, or partnership in which the person was engaged on his own account.

Social Security or railroad retirement income includes cash receipts of Social Security pensions, survivors' benefits, permanent disability insurance payments, and special benefit payments made by the Social Security Administration. Cash receipt of retire-

ment, disability, and survivors' benefit payments made by the U.S. Government under the Railroad Retirement Act are also included. Public assistance income includes cash receipts of payments made under the following public assistance programs: Aid to families with dependent children, old age assistance, general assistance, aid to the blind, and aid to the permanently and totally disabled. Separate payments received for hospital or other medical care are not included.

Income from all other sources includes money income received from sources such as interest; dividends; net income (or loss) from property rentals; net receipts from roomers or boarders; veteran's payments; public or private pensions; periodic receipts from insurance policies or annuities; unemployment insurance benefits; workmen's compensation cash benefits; net royalties; periodic payments from estates and trust funds; alimony or child support from persons who are not members of the household; net gambling gains; nonservice scholarships and fellowships; and money received for transportation and/or subsistence by persons participating in special governmental training programs, e.g., under the Manpower Development and Training Act.

Receipts from the following sources were not included as income: Money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" such as food produced and consumed in the home or free living quarters; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts. (A more detailed discussion of income is given in the 1970 Population Census, PC(1)-C reports.)

APPENDIX B—Continued

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES
(Questions on this page appeared on both the 15-percent and 5-percent questionnaires)

<p>A. How many living quarters, occupied and vacant, are at this address?</p> <p><input type="radio"/> One</p> <p><input type="radio"/> 2 apartments or living quarters</p> <p><input type="radio"/> 3 apartments or living quarters</p> <p><input type="radio"/> 4 apartments or living quarters</p> <p><input type="radio"/> 5 apartments or living quarters</p> <p><input type="radio"/> 6 apartments or living quarters</p> <p><input type="radio"/> 7 apartments or living quarters</p> <p><input type="radio"/> 8 apartments or living quarters</p> <p><input type="radio"/> 9 apartments or living quarters</p> <p><input type="radio"/> 10 or more apartments or living quarters</p> <p><input type="radio"/> This is a mobile home or trailer</p>	<p>H9. Are your living quarters—</p> <p><input type="radio"/> Owned or being bought by you or by someone else in this household? <i>Do not include cooperatives and condominiums here.</i></p> <p><input type="radio"/> A cooperative or condominium which is owned or being bought by you or by someone else in this household?</p> <p><input type="radio"/> Rented for cash rent?</p> <p><input type="radio"/> Occupied without payment of cash rent?</p>	<p style="text-align: center;">FOR CENSUS ENUMERATOR'S USE ONLY</p> <table border="1"> <thead> <tr> <th>a4. Block number</th> <th>a5. Serial number</th> </tr> </thead> <tbody> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>0</td></tr> <tr><td>2</td><td>0</td></tr> <tr><td>3</td><td>0</td></tr> <tr><td>4</td><td>0</td></tr> <tr><td>5</td><td>0</td></tr> <tr><td>6</td><td>0</td></tr> <tr><td>7</td><td>0</td></tr> <tr><td>8</td><td>0</td></tr> <tr><td>9</td><td>0</td></tr> </tbody> </table>	a4. Block number	a5. Serial number	0	0	1	0	2	0	3	0	4	0	5	0	6	0	7	0	8	0	9	0
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<p><i>Answer these questions for your living quarters</i></p> <p>H1. Is there a telephone on which people in your living quarters can be called?</p> <p><input type="radio"/> Yes — What is the number? _____</p> <p><input type="radio"/> No</p> <p style="text-align: right;"><i>Phone number</i></p>	<p>H10a. Is this building a one-family house?</p> <p><input type="radio"/> Yes, a one-family house</p> <p><input type="radio"/> No, a building for 2 or more families or a mobile home or trailer</p> <p>b. If "Yes!"— Is this house on a place of 10 acres or more, or is any part of this property used as a commercial establishment or medical office?</p> <p><input type="radio"/> Yes, 10 acres or more</p> <p><input type="radio"/> Yes, commercial establishment or medical office</p> <p><input type="radio"/> No, none of the above</p>	<p>B. Type of unit or quarters</p> <p><u>Occupied</u></p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p><u>Vacant</u></p> <p><input type="radio"/> Regular</p> <p><input type="radio"/> Usual residence elsewhere</p> <p><u>Group quarters</u></p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p>																						
<p>H2. Do you enter your living quarters—</p> <p><input type="radio"/> Directly from the outside or through a common or public hall?</p> <p><input type="radio"/> Through someone else's living quarters?</p>	<p>H11. <i>If you live in a one-family house which you own or are buying—</i> What is the value of this property; that is, how much do you think this property (house and lot) would sell for if it were for sale?</p> <p><input type="radio"/> Less than \$5,000</p> <p><input type="radio"/> \$5,000 to \$7,499</p> <p><input type="radio"/> \$7,500 to \$9,999</p> <p><input type="radio"/> \$10,000 to \$12,499</p> <p><input type="radio"/> \$12,500 to \$14,999</p> <p><input type="radio"/> \$15,000 to \$17,499</p> <p><input type="radio"/> \$17,500 to \$19,999</p> <p><input type="radio"/> \$20,000 to \$24,999</p> <p><input type="radio"/> \$25,000 to \$34,999</p> <p><input type="radio"/> \$35,000 to \$49,999</p> <p><input type="radio"/> \$50,000 or more</p> <p style="font-size: small;"><i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i></p>	<p><i>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</i></p>																						
<p>H3. Do you have complete kitchen facilities? <i>Complete kitchen facilities are a sink with piped water, a range or cook stove, and a refrigerator.</i></p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No complete kitchen facilities for this household</p>	<p>H12. <i>Answer this question if you pay rent for your living quarters.</i></p> <p>a. <i>If rent is paid by the month—</i> What is the monthly rent?</p> <p>Write amount here → \$ _____ .00 (Nearest dollar)</p>	<p>C. Vacancy status <u>Year round—</u></p> <p><input type="radio"/> For rent</p> <p><input type="radio"/> For sale only</p> <p><input type="radio"/> Rented or sold, not occupied</p> <p><input type="radio"/> Held for occasional use</p> <p><input type="radio"/> Other vacant</p> <p><input type="radio"/> Seasonal</p> <p><input type="radio"/> Migratory</p>																						
<p>H4. How many rooms do you have in your living quarters? <i>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</i></p> <p><input type="radio"/> 1 room</p> <p><input type="radio"/> 2 rooms</p> <p><input type="radio"/> 3 rooms</p> <p><input type="radio"/> 4 rooms</p> <p><input type="radio"/> 5 rooms</p> <p><input type="radio"/> 6 rooms</p> <p><input type="radio"/> 7 rooms</p> <p><input type="radio"/> 8 rooms</p> <p><input type="radio"/> 9 rooms or more</p>	<p><i>and</i></p> <p>Fill one circle</p> <p><input type="radio"/> Less than \$30</p> <p><input type="radio"/> \$30 to \$39</p> <p><input type="radio"/> \$40 to \$49</p> <p><input type="radio"/> \$50 to \$59</p> <p><input type="radio"/> \$60 to \$69</p> <p><input type="radio"/> \$70 to \$79</p> <p><input type="radio"/> \$80 to \$89</p> <p><input type="radio"/> \$90 to \$99</p> <p><input type="radio"/> \$100 to \$119</p> <p><input type="radio"/> \$120 to \$149</p> <p><input type="radio"/> \$150 to \$199</p> <p><input type="radio"/> \$200 to \$249</p> <p><input type="radio"/> \$250 to \$299</p> <p><input type="radio"/> \$300 or more</p>	<p>D. Months vacant</p> <p><input type="radio"/> Less than 1 month</p> <p><input type="radio"/> 1 up to 2 months</p> <p><input type="radio"/> 2 up to 6 months</p> <p><input type="radio"/> 6 up to 12 months</p> <p><input type="radio"/> 1 year up to 2 years</p> <p><input type="radio"/> 2 years or more</p>																						
<p>H5. Is there hot and cold piped water in this building?</p> <p><input type="radio"/> Yes, hot and cold piped water in this building</p> <p><input type="radio"/> No, only cold piped water in this building</p> <p><input type="radio"/> No piped water in this building</p>	<p>b. <i>If rent is not paid by the month—</i> What is the rent, and what period of time does it cover?</p> <p>\$ _____ .00 per _____</p> <p style="font-size: small;"><i>(Nearest dollar) (Week, half-month, year, etc.)</i></p>	<p>C/O <input type="radio"/> <input type="radio"/></p>																						
<p>H6. Do you have a flush toilet?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No flush toilet</p>																								
<p>H7. Do you have a bathtub or shower?</p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No bathtub or shower</p>																								
<p>H8. Is there a basement in this building?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No, built on a concrete slab</p> <p><input type="radio"/> No, built in another way (include mobile homes and trailers)</p>																								

APPENDIX B—Continued

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES
(Percent indicates sample size)

<p>H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity? <input type="radio"/> Yes, average monthly cost is \$ _____ .00 <input type="radio"/> No, included in rent <input type="radio"/> No, electricity not used <i>Average monthly cost</i></p> <p>b. Gas? <input type="radio"/> Yes, average monthly cost is \$ _____ .00 <input type="radio"/> No, included in rent <input type="radio"/> No, gas not used <i>Average monthly cost</i></p> <p>c. Water? <input type="radio"/> Yes, yearly cost is \$ _____ .00 <input type="radio"/> No, included in rent or no charge <i>Yearly cost</i></p> <p>d. Oil, coal, kerosene, wood, etc.? <input type="radio"/> Yes, yearly cost is \$ _____ .00 <input type="radio"/> No, included in rent <input type="radio"/> No, these fuels not used <i>Yearly cost</i></p>	<p>H19. Do you get water from—</p> <p><input type="radio"/> A public system (city water department, etc.) or private company?</p> <p><input type="radio"/> An individual well?</p> <p><input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</p>
<p>H14. How are your living quarters heated? Fill <u>one</u> circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump</p> <p><input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard)</p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters <u>with</u> flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters <u>without</u> flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p><input type="radio"/> In some other way—Describe _____</p> <p><input type="radio"/> None, unit has no heating equipment</p>	<p>H20. Is this building connected to a public sewer?</p> <p><input type="radio"/> Yes, connected to public sewer</p> <p><input type="radio"/> No, connected to septic tank or cesspool</p> <p><input type="radio"/> No, use other means</p>
<p>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1965 to 1968 <input type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier</p>	<p>H21. How many bathrooms do you have? A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water. A half bathroom has at least a flush toilet or bathtub or shower, but does <u>not</u> have all the facilities for a complete bathroom.</p> <p><input type="radio"/> No bathroom, or only a half bathroom</p> <p><input type="radio"/> 1 complete bathroom</p> <p><input type="radio"/> 1 complete bathroom, plus half bath(s)</p> <p><input type="radio"/> 2 complete bathrooms</p> <p><input type="radio"/> 2 complete bathrooms, plus half bath(s)</p> <p><input type="radio"/> 3 or more complete bathrooms</p>
<p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input type="radio"/> A building for 10 to 19 families</p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p>	<p>H22. Do you have air-conditioning?</p> <p><input type="radio"/> Yes, 1 individual room unit</p> <p><input type="radio"/> Yes, 2 or more individual room units</p> <p><input type="radio"/> Yes, a central air-conditioning system</p> <p><input type="radio"/> No</p>
<p>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?— Skip to H19</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p>	<p>H23. How many passenger automobiles are owned or regularly used by members of your household? Count company cars kept at home.</p> <p><input type="radio"/> None</p> <p><input type="radio"/> 1 automobile</p> <p><input type="radio"/> 2 automobiles</p> <p><input type="radio"/> 3 automobiles or more</p>
<p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None)</p> <p><input type="radio"/> \$50 to \$249</p> <p><input type="radio"/> \$250 to \$2,499</p> <p><input type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$10,000 or more</p>	

15 and 5 percent

15 percent

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES
(Percent indicates sample size)

<p>H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, electricity not used</p> <hr/> <p>b. Gas?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, gas not used</p> <hr/> <p>c. Water? <input checked="" type="checkbox"/></p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <hr/> <p>d. Oil, coal, kerosene, wood, etc.?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p> <hr/> <p>H14. How are your living quarters heated? Fill <u>one</u> circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump</p> <p><input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard) <input checked="" type="checkbox"/></p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters <u>with</u> flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters <u>without</u> flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe → _____</p> <p><input type="radio"/> None, unit has no heating equipment</p> <hr/> <p>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1965 to 1968 <input checked="" type="checkbox"/> <input type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier</p> <hr/> <p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input checked="" type="radio"/> A building for 10 to 19 families <input checked="" type="checkbox"/></p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p> <hr/> <p>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?— Skip to H24</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p> <hr/> <p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None) <input checked="" type="checkbox"/> <input type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$50 to \$249 <input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$250 to \$2,499 <input type="radio"/> \$10,000 or more</p>	<p>H24a. How many stories (floors) are in this building?</p> <p><input type="radio"/> 1 to 3 stories</p> <p><input type="radio"/> 4 to 6 stories</p> <p><input type="radio"/> 7 to 12 stories</p> <p><input checked="" type="radio"/> 13 stories or more</p> <hr/> <p>b. If 4 or more stories— Is there a passenger elevator in this building?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <hr/> <p>H25a. Which fuel is used most for cooking?</p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/> Coal or coke <input type="radio"/></p> <p> { Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/></p> <p>Electricity <input type="radio"/> Other fuel .. <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></p> <hr/> <p>b. Which fuel is used most for house heating?</p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/> Coal or coke <input type="radio"/></p> <p> { Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/></p> <p>Electricity <input type="radio"/> Other fuel .. <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></p> <hr/> <p>c. Which fuel is used most for water heating?</p> <p>Gas { From underground pipes serving the neighborhood. <input type="radio"/> Coal or coke <input type="radio"/></p> <p> { Bottled, tank, or LP <input type="radio"/> Wood <input type="radio"/></p> <p>Electricity <input type="radio"/> Other fuel .. <input type="radio"/></p> <p>Fuel oil, kerosene, etc. <input type="radio"/> No fuel used <input type="radio"/></p> <hr/> <p>H26. How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.</p> <p><input type="radio"/> No bedroom <input type="radio"/> 3 bedrooms</p> <p><input type="radio"/> 1 bedroom <input checked="" type="radio"/> 4 bedrooms</p> <p><input type="radio"/> 2 bedrooms <input type="radio"/> 5 bedrooms or more</p> <hr/> <p>H27a. Do you have a clothes washing machine?</p> <p><input type="radio"/> Yes, automatic or semi-automatic</p> <p><input type="radio"/> Yes, wringer or separate spinner</p> <p><input type="radio"/> No</p> <hr/> <p>b. Do you have a clothes dryer?</p> <p><input type="radio"/> Yes, electrically heated</p> <p><input type="radio"/> Yes, gas heated</p> <p><input type="radio"/> No <input checked="" type="checkbox"/></p> <hr/> <p>c. Do you have a dishwasher (built-in or portable)?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <hr/> <p>d. Do you have a home food freezer which is separate from your refrigerator?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <hr/> <p>H28a. Do you have a television set? Count only sets in working order.</p> <p><input type="radio"/> Yes, one set</p> <p><input type="radio"/> Yes, two or more sets</p> <p><input type="radio"/> No</p> <hr/> <p>b. If "Yes"— Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?</p> <p><input type="radio"/> Yes <input checked="" type="radio"/> No</p> <hr/> <p>H29. Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation.</p> <p><input type="radio"/> Yes, one or more <input type="radio"/> No</p> <hr/> <p>H30. Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
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15 and 5 percent

5 percent

APPENDIX B—Continued

FACSIMILE OF THE RESPONDENT INSTRUCTIONS FOR THE HOUSING QUESTIONS IN THE 1970 CENSUS

If you live in an apartment building and you do not know the answers to questions H14, H15, H16, and H25, ask the person who runs your building (for example, the manager, rental agent, superintendent, janitor, etc.).

- A. Mark only one circle. This address means the house or building number where your living quarters are located.
- H1. Mark **Yes** and enter telephone number, even if the telephone is in another apartment or building.
- H2. Mark the second circle only if you must go through someone else's living quarters to get to your own.
- H3. The kitchen sink, stove, and refrigerator do not have to be in the same room.
Also used by another household means that someone else who lives in the same building, but is not a member of your household, also uses the equipment. Mark this circle also if the occupants of living quarters now vacant would also use the equipment.
- H4. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count kitchenettes, strip or pullman kitchens; utility rooms; or unfinished attics, basements, or other space used for storage.
- H5. Mark **hot water** even if you have it only part of the time.
- H6, H7. See instructions for H3 for meaning of **Also used by another household**.
- H8. A house has a **basement** if there is enclosed space in which persons can walk upright under all or part of the building. A house on a **concrete slab** has no basement and no air or crawl space below it. A house built in **another way** is one directly on the ground or resting on a foundation or posts to provide crawl space.
- H9. **Owned or being bought** means that the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.
 Mark **Rented for cash rent** if any money rent is paid. Rent may be paid by persons who are not members of your household.
Occupied without payment of cash rent includes, for example, a parsonage, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H10. A **commercial establishment** is easily recognized from the outside; for example, a grocery store or barber shop. A **medical office** is a doctor's or dentist's office regularly visited by patients. If your house is on a place of 10 acres or more and also contains a commercial establishment or medical office, mark **Yes, 10 acres or more**.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the land.
- H12. Report the rent agreed to or contracted for, even if the furnishings, utilities, or services are included.
 a. If you pay rent by the month, write in the amount of rent and fill one circle.
 b. If rent is not paid by the month, answer both parts of b. For example, \$20 per week, \$1,500 per year, etc.
- H13. If exact costs are not known, estimate as closely as possible. Report amounts even if bills are unpaid or are paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket () the two utilities.
- H14. This question refers to the type of heating equipment and not to the fuel used.
 A **heat pump** is sometimes known as a **reverse cycle** system.
 A **floor, wall, or pipeless furnace** delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. These furnaces do not have ducts leading to other rooms.
 Any heater that you plug into an electric outlet should be counted as a **portable room heater**—not a built-in electric unit.
- H16. Count all occupied and vacant living quarters in the house or building, but not stores or office space.
Detached means there is open space on all sides, or the house is joined only to a **shed or garage**. **Attached** means that the house is joined to another house or building by at least one wall which goes from ground to roof.
- H17. A **city or suburban lot** is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a **city or suburban lot**.
 A **place** is a farm, ranch, or any other property, other than a city or suburban lot, on which this **residence** is located.
- H18. Fill the circle for the total (gross) amount of money received from the sales of crops, livestock, and other farm products produced on this place during the calendar year 1969.
- H19. If a well provides water for six or more houses or apartments, mark a **public system**. If a well provides water for five or fewer houses or apartments, mark an **individual well**.
- H20. A **public sewer** is operated by a government body or a private organization. A **septic tank or cesspool** is an underground tank or pit used for disposal of sewage.
- H22. Count only equipment with a refrigeration unit to cool the air. Mark an **individual room unit** for air conditioners which are installed in a window or in an outside wall and are used to cool one or more rooms. Mark a **central system** for a central installation which cools the entire house or apartment.
- H23. Do not count cars permanently out of working order. Also do not count taxicabs, pickups, or larger trucks.
- H24a. Do not count a basement as a story.
 b. Do not count elevators used only for freight.
- H25. **Gas from underground pipes** is piped in from a central system such as a public utility company or a municipal government. **Bottled, tank, or LP gas** is stored in tanks which are refilled or exchanged when empty. **Other fuel** includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.
- H27. Mark the **Yes** circle whether you own the appliance or it is provided as part of the equipment in your living quarters. Do not count coin-operated equipment or appliances in storage.
- H28. Count any set **equipped** to receive UHF (ultra high frequency) broadcasts, even if there are no such broadcasts in your area. Include sets that can be tuned directly to channels 14 to 83 and sets that receive UHF broadcasts by means of a converter. Also include sets that receive UHF broadcasts through a community antenna (CATV) or master antenna.
- H29. A battery-operated radio is one that can be run on batteries and does not need to be plugged into an electric socket. Include battery-operated sets owned by any member of the household.
- H30. Do not count vacation trailers, tents, or boats. Also do not count second homes used only for investment purposes.

Appendix C.—ACCURACY OF THE DATA

SOURCES OF ERROR.....	App-14
EDITING OF UNACCEPTABLE DATA	App-14
SAMPLE DESIGN	App-14
RATIO ESTIMATION	App-15
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SOURCES OF ERROR

Human and mechanical errors occur in any mass statistical operation such as a decennial census. Errors during the data collection phase can include failure to obtain required information from respondents, obtaining incorrect or inconsistent information, and recording information in the wrong place or incorrectly. Errors can also occur during the field review of the enumerator's work, the clerical handling of the questionnaires, the manual editing and coding operations, and the various stages of the electronic processing of the material. Careful efforts are made in every census to keep the errors in each step at an acceptably low level. Quality control and check measures are utilized throughout the census operation. As was done for the 1950 and 1960 censuses, evaluative material on many aspects of the 1970 census will be published as soon as the appropriate data are accumulated and analyzed. A major concern in the evaluation work is to ascertain, insofar as possible, the degree of completeness of the count of both population and housing units.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the Nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

Whenever information was missing, an allocation procedure was used to assign an entry, thereby eliminating the need for a "not reported" category in the tabulations. The assignment was based on related information reported for the housing unit or on information reported for a similar unit in the immediate neighborhood. For example, if tenure for an occupied unit was omitted but a rental amount was reported, the computer automatically edited tenure to "rented for cash rent." On the other hand, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit.

A similar procedure was used when the information reported for an item was inconsistent with other information reported for the unit. For example, if a housing unit was enumerated as having no piped water but having both a bathtub (or shower) and flush toilet for the exclusive use of the occupants of the unit, the computer edited water supply to "hot and cold water," a category considered to be consistent with the reported bathing and toilet facilities.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper micro-filming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

The extent of allocations for non-responses and inconsistencies is given

for SMSA's and places in the allocation tables in the 1970 Population Census PC(1)-B and PC(1)-C reports, and in the Housing Census HC(1)-A and HC(1)-B reports.

SAMPLE DESIGN

For sample data collected in the 1970 census, the housing unit, including all its occupants, was the sampling unit; for persons in group quarters identified in advance of the census, it was the person. In non-mail areas, the enumerator canvassed his assigned area and listed all housing units in an address register sequentially in the order in which he first visited the units, whether or not he completed the interview. Every fifth line of the address register was designated as a sample line, and the housing units listed on these lines were included in the sample. Each enumerator was given a random line on which he was to start listing and the order of canvassing was indicated in advance, although the instructions allowed some latitude in the order of visiting addresses. In mail areas, the list of housing units was prepared prior to Census Day either by employing commercial mailing lists corrected through the cooperation of the post office or by listing the units in a process similar to that used in non-mail areas. As in other areas, every fifth housing unit on these lists was designated to be in the sample. In group quarters, all persons were listed and every fifth person was selected for the sample; as indicated in Appendix B, information on the housing characteristics of group quarters was not collected in the census.

This 20-percent sample was subdivided into a 15-percent and a 5-percent sample by designating every fourth 20-percent sample unit as a

APPENDIX C—Continued

member of the 5-percent sample. The remaining sample units became the 15-percent sample. Two types of sample questionnaires were used, one for the 5-percent and one for the 15-percent sample units. Some questions were included on both the 5-percent and 15-percent sample forms and therefore appear for a sample of 20 percent of the units in the census. Other items appeared on either the 15-percent or the 5-percent questionnaires. The sample rates for the various items appearing in this report are shown in table A.

Although the sampling procedure did not automatically insure an exact 20-percent sample of persons or housing units in each locality, the sample design was unbiased if carried through according to instructions; generally for larger areas the deviation from 20 percent was found to be quite small. Biases may have arisen, however, when the enumerator failed to follow his listing and sampling instructions exactly. Quality control procedures were used throughout the census process, and where there was clear evidence that the sampling proce-

dures were not properly followed, some enumerators' assignments were returned to the field for resampling. Estimates for the United States as a whole indicate that 19.6 percent of the total population and 19.7 percent of the total housing units were enumerated on sample questionnaires. The computation of these proportions excluded several classes of the population and housing units for which no attempt at sampling was made. These were the relatively small numbers of persons and housing units (in most States, less than one percent) added to the enumeration from the post-census post office check, the various supplemental forms, and the special check of vacant units. However, the ratio estimation procedure described below adjusts the sample data to reflect these classes of population and housing units.

TABLE A. Sample Rate for Subjects Included in This Report

Subject	Sample rate (percent)	Subject	Sample rate (percent)
OCCUPANCY CHARACTERISTICS		EQUIPMENT AND APPLIANCES	
Occupied housing units	20	Heating equipment	20
Tenure	20	Air conditioning	15
Race	20	Automobiles available	15
Spanish heritage	15	Second home	5
Year moved into unit	15	Clothes washing machine	5
		Clothes dryer	5
		Dishwasher	5
		Home food freezer	5
VACANCY CHARACTERISTICS		FINANCIAL CHARACTERISTICS	
Vacant for sale	20	Value	20
Vacant for rent	20	Sales price asked	20
Duration of vacancy	20	Gross rent	20
		Rent asked	20
		Inclusion of utilities in rent	20
		Value-income ratio	20
		Gross rent as percentage of income	20
UTILIZATION CHARACTERISTICS		HOUSEHOLD CHARACTERISTICS	
Number of rooms	20	Household composition	20
Size of household (persons)	20	Income	20
Persons per room	20		
Bedrooms	5		
PLUMBING CHARACTERISTICS			
Plumbing facilities	20		
Complete bathrooms	15		
STRUCTURAL CHARACTERISTICS			
Complete kitchen facilities	20		
Access	20		
Units in structure	20		
Mobile home or trailer	20		
Year structure built	20		
Elevator in structure	5		

RATIO ESTIMATION

The statistics based on 1970 census sample data are estimates made through the use of ratio estimation procedures which were applied separately for the 5-, 15-, and 20-percent samples. The first step in carrying through the ratio estimates was to establish the areas within which separate ratios were to be prepared. These are referred to as "weighting areas." For the 15- and 20-percent samples the weighting areas contained a minimum population size of 2,500. The weighting areas used for the 5-percent ratio estimate were larger areas having a minimum population size of 25,000 and comprising combinations of the weighting areas used for the 15- and 20-percent samples. Weighting areas were established by a mechanical operation on the computer and were defined to conform, as nearly as possible, to areas for which tabulations are produced. Where these areas do

not agree (primarily for smaller areas), there may be some differences between complete counts and sample estimates.

The ratio estimation process operated in two stages for occupied housing units, and in one stage for vacant units. The first stage for occupied units employed 18 household-type groups (the first of which was empty by definition); the second stage for occupied units used four groups: owner- and renter-occupied units, by race. The single stage for vacant units employed three groups: year-round vacant for sale, year-round vacant for rent, and other vacant.

Group

Occupied housing units:

STAGE I

Male Head With Own Children Under 18

- 1 1-person household
- 2 2-person household
- 3 3-person household

.
.

- 6 6-or-more-person household

Male Head Without Own Children Under 18

- 7-12 1-person to 6-or-more-person households

Female Head

- 13-18 1-person to 6-or-more-person households

STAGE II

Owner Occupied

- 19 Negro
- 20 Not Negro

Renter Occupied

- 21 Negro
- 22 Not Negro

Vacant housing units:

- 23 Year-round vacant for sale
- 24 Year-round vacant for rent
- 25 Other vacant

At each stage, for each of the occupied housing groups, the ratio of the complete count to the weighted sample count of the housing units in the group was computed and applied to the weight of each sample unit in the group. This operation was performed for each of the 18 groups in the first stage, then for the four groups in the second stage. As a rule, the weighted sample counts within each of the 4 groups in the second stage for occupied units should agree with the complete counts for the weighting areas (close, although not exact consistency can be expected for the 18 groups in the first stage). Similarly, the weighted sample counts within each of the 3 groups in the single stage for vacant housing units should agree with the complete counts for the weighting area.

There are some exceptions to this general rule, however. As indicated above, there may be differences between the complete counts and sample estimates when the tabulation area is not made up of whole weighting areas. Furthermore, in order to increase the reliability, a separate ratio was not computed in a group whenever certain criteria pertaining to the complete count of housing units and the magnitude of the weight were not met. For example, for the 20-percent sample the complete count of units in a group had to exceed 70 units and the ratio of the complete count to the unweighted sample count could not exceed 20. Where these criteria were not met, groups were combined in a specific order until the conditions were met. Where this occurred, con-

sistency between the weighted sample and the complete counts would apply as indicated above for the combined group but not necessarily for each of the groups in the combination.

Each sample housing unit was assigned an integral weight to avoid the complications involved in rounding in the final tables. If, for example, the final weight for a group was 5.2, one-fifth of the units in the group (selected at random) were assigned a weight of 6 and the remaining four-fifths a weight of 5.

The estimates realize some of the gains in sampling efficiency that would have resulted had the population been stratified into the groups before sampling. The net effect is a reduction in both the sampling error and possible bias of most statistics below what would be obtained by weighting the results of the sample by a uniform factor (e.g., by weighting the 20-percent sample results by a uniform factor of 5). The reduction in sampling error will be trivial for some items and substantial for others. A by-product of this estimation procedure is that estimates for this sample are, in general, consistent with the complete count for the housing unit groups used in the estimation procedure. A more complete discussion of the technical aspects of these ratio estimates will be presented in a separate report.

SAMPLING VARIABILITY

The estimates from the 20-, 15-, and 5-percent sample tabulations are subject to sampling variability. The standard errors of these estimates can be approximated by using the data in tables B through D. The chances are about 2 out of 3 that the difference (due to sampling variability) between the sample estimate and the figure that would have been obtained from a

complete count is less than the standard error. The chances are about 19 out of 20 that the difference is less than twice the standard error and about 99 out of 100 that it is less than $2\frac{1}{2}$ times the standard error. The amount by which the estimated standard error must be multiplied to obtain other odds deemed more appropriate can be found in most statistical textbooks. The sampling errors may be obtained by using the factors shown in table D in conjunction with table B for absolute numbers and in conjunction with table C for percentages. These tables reflect the effect of simple response variance, but not of bias arising in the collection, processing and estimation steps nor of the correlated errors enumerators introduce; estimates of the magnitude of some of these factors in the total error are being evaluated and will be published at a later date.

Table B shows approximate standard errors of estimated numbers for most statistics based on the 20-percent sample. In determining the figures for this table, some aspects of the sample design, the estimation process, and the size of the area over which the data have been compiled are ignored. Table C shows standard errors of most percentages based on the 20-percent sample. Linear interpolation in tables B and C will provide approximate results that are satisfactory for most purposes. Table D provides a factor by which the standard errors shown in tables B or C should be multiplied to adjust for the effect of the sample size (i.e., whether a 15-percent or 5-percent sample) and the effect of the estimation procedure.

To estimate the standard error for a given characteristic, locate the factor in table D for the appropriate characteristic and the sample size used to tabulate the data, and multiply this

factor by the standard error found in table B or C. Where data are shown as cross-classifications of two characteristics, locate and use the larger factor. Similarly, if an item, although collected on one sample basis, has been tabulated for a smaller sample, use the factor appropriate for the smaller sample.

The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference, the tables are to be used somewhat differently in the three following situations:

1. For a difference between the sample figure and one based on a complete count (e.g., arising from comparisons between sample statistics for 1970 and complete-count statistics for 1960 or 1950), the standard error is identical with the standard error of the 1970 estimate alone.
2. For a difference between two sample figures (that is, one from 1970 and the other from 1960, or both from the same census year), the standard error is approximately the square root of the sum of the squares of the standard errors of each estimate considered separately. This formula will represent the actual standard error quite accurately for the difference between estimates of the same characteristics in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive correlation between the two characteristics, the formula will overestimate the true standard error. The approximate standard error for the 1970 sample figure is derived directly from tables B

through D. The standard error of a 1960 sample figure may be obtained from the relevant 1960 census report.

3. For a difference between two sample estimates, one of which represents a subclass of the other, the tables can be used directly with the difference considered as the sample estimate.

The sampling variability of the medians presented in certain tables (median rooms, median value, median gross rent, etc.) depends on the size of the base and on the distribution on which the median is based. An approximate method for measuring the reliability of an estimated median is to determine an interval about the estimated median such that there is a stated degree of confidence the true median lies within the interval. As the first step in estimating the upper and lower limits of the interval (that is, the confidence limits) about the median, compute one-half the number on which the median is based (designated $N/2$). From table B, following the method outlined in other parts of this section, compute the standard error of an estimated number equal to $N/2$. Subtract this standard error from $N/2$. Cumulate the frequencies (in the table on which the median is based) until the total first exceeds the difference between $N/2$ and its standard error, and by linear interpolation obtain a value corresponding to this number. In a corresponding manner, add the standard error to $N/2$, cumulate the frequencies in the table, and obtain a value in the table on which the median is based corresponding to the sum of $N/2$ and its standard error.

The chances are about 2 out of 3 that the median would lie between these two values. The range for 19 chances out of 20 and for 99 in 100

APPENDIX C—Continued

can be computed in a similar manner by multiplying the standard error by the appropriate factors before sub-

tracting from and adding to one-half the number reporting the characteristics. Interpolation to obtain the

values corresponding to these numbers gives the confidence limits for the median.

TABLE B. Approximate Standard Error of Estimated Number Based on 20-Percent Sample
(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated number ¹	Number of housing units in area ²						
	10,000	25,000	100,000	250,000	1,000,000	2,500,000	4,000,000
50	15	15	15	15	15	15	15
100	20	20	20	20	20	20	20
250	30	30	30	30	30	30	30
500	45	45	45	45	45	45	45
1,000	60	60	65	65	65	65	65
2,500	90	95	100	100	100	100	100
5,000	100	130	140	140	140	140	140
10,000 .....	...	150	190	200	200	200	200
15,000 .....	...	150	230	240	240	240	240
25,000 .....	...	...	270	300	310	310	320
50,000 .....	...	...	320	400	440	440	440
75,000 .....	...	...	270	450	520	540	540
100,000 .....	...	...	...	490	600	620	630

¹ For estimated numbers larger than 100,000, the relative errors are somewhat smaller than for 100,000.

² An area is the smallest complete geographic area to which the estimate under consideration pertains. Thus, the area may be the standard metropolitan statistical area or the place. Housing units with Negro heads of household or Spanish heritage heads of household do not represent complete areas.

TABLE C. Approximate Standard Error of Estimated Percentage Based on 20-Percent Sample
(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated percentage	Base of percentage						
	500	1,000	2,500	10,000	25,000	100,000	250,000
2 or 98	1.3	0.9	0.6	0.3	0.2	0.1	0.1
5 or 95	2.0	1.4	0.9	0.4	0.3	0.1	0.1
10 or 90	2.7	1.9	1.2	0.6	0.4	0.2	0.1
25 or 75	3.9	2.7	1.7	0.9	0.5	0.3	0.2
50	4.5	3.2	2.0	1.0	0.6	0.3	0.2

TABLE D. Factor to be Applied to Standard Errors

Characteristic ¹	Factor if sample rate is—			Characteristic ¹	Factor if sample rate is—		
	20 percent	15 percent	5 percent		20 percent	15 percent	5 percent
OCCUPANCY AND VACANCY CHARACTERISTICS				EQUIPMENT, FUELS, AND APPLIANCES			
Year moved into unit .....	...	1.1	...	Heating equipment	0.8	0.9	...
Duration of vacancy	0.8	...	1.7	Air conditioning .....	...	1.1	...
UTILIZATION CHARACTERISTICS				Automobiles available .....	...	1.0	...
Rooms	1.0	1.1	2.1	Appliances .....	...	...	1.9
Size of household (persons)	0.5	0.6	1.2	FINANCIAL CHARACTERISTICS			
Persons per room	0.4	0.5	0.9	Value	1.0	1.1	2.1
Bedrooms .....	...	...	2.1	Value-income ratio	1.0	1.2	...
PLUMBING CHARACTERISTICS				Gross rent	0.9	1.1	2.1
Complete bathrooms .....	...	1.1	...	Gross rent as percentage of income	1.0	1.2	...
Plumbing facilities	1.0	...	...	Sales price asked	1.1	...	2.5
STRUCTURAL CHARACTERISTICS				Rent asked	1.1	...	2.5
Units in structure	0.8	0.9	1.7	HOUSEHOLD CHARACTERISTICS			
Year structure built	0.9	1.0	...	Household composition	0.6	0.7	...
				Income in 1969	1.0	1.2	2.3
				ALL OTHERS	1.0	1.2	2.2

¹Tabulations of housing data for households with heads of Spanish heritage are based on the 15-percent sample. For characteristics of households with heads of Spanish heritage (tables 19 to 26), use the factors given for the 15-percent sample.

NOTE: In this report an item collected for the 20-percent sample may be cross-tabulated with other items based on the 15-percent or 5-percent samples. In such cases, locate the factor for both items in Table D for the smaller sample size. Use the larger of the two factors. For example, in Table 9, duration of vacancy (a 20-percent item) is cross-tabulated by number of bedrooms (a 5-percent item). The factor for duration of vacancy based on a 5-percent sample is 1.7 and for bedrooms it is 2.1. The factor of 2.1 should be used to adjust the standard errors since it is the larger of the two factors based on the 5-percent sample.

Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

The results of the 1970 Census of Population and Housing are being issued in the form of printed reports, microfiche copies of the printed reports, computer summary tapes, computer printouts, and microfilm. Listed below are short descriptions of the final report series and computer tapes, as currently planned. More detailed information on this program can be obtained by writing to the Publications Distribution Section, Bureau of the Census, Washington, D.C. 20233.

Housing Census Reports

Volume I. HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain two chapters designated as A and B. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in two series designated as HC(1)-A and B, respectively.

- Series HC(1)-A.
**GENERAL HOUSING
CHARACTERISTICS**

Statistics on tenure, kitchen facilities, plumbing facilities, number of rooms, persons per room, units in structure, mobile home, telephone, value, contract rent, and vacancy status are presented for some or all of the following areas: States (by urban and rural residence), standard metropolitan statistical areas (SMSA's), urbanized areas, places of 1,000 inhabitants or more, and counties.

- Series HC(1)-B.
**DETAILED HOUSING
CHARACTERISTICS**

Statistics are presented on a more detailed basis for the subjects included in the Series HC(1)-A reports, as well as on such additional subjects as year moved into unit, year structure built, basement, heating equipment, fuels, air conditioning, water and sewage, appliances, gross rent, and ownership of second home. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, urbanized areas, places of 2,500 inhabitants or more, and counties (by rural and rural-farm residence).

Volume II. METROPOLITAN HOUSING CHARACTERISTICS

These reports, also designated as Series HC(2), cover most of the 1970 census housing subjects in considerable detail and cross-classification. There is one report for each SMSA, presenting data for the SMSA and its central cities and places of 50,000 inhabitants or more, as well as a national summary report.

Volume III. BLOCK STATISTICS

One report, under the designation Series HC(3), is issued for each urbanized area showing data for individual blocks on selected housing and population subjects. The series also includes reports for the communities outside urbanized areas which have contracted with the Census Bureau to provide block statistics from the 1970 census.

Volume IV. COMPONENTS OF INVENTORY CHANGE

This volume will contain data on the disposition of the 1960 inventory and the source of the 1970 inventory, such as new construction, conversions, mergers, demolitions, and other additions and losses. Cross-tabulations of 1970 and 1960 characteristics for units that have not changed and characteristics of the present and previous residence of recent movers will also be provided. Statistics will be shown for 15 selected SMSA's and for the United States and regions.

Volume V. RESIDENTIAL FINANCE

This volume will present data regarding the financing of privately owned nonfarm residential properties. Statistics will be shown on amount of outstanding mortgage debt, manner of acquisition of property, homeowner expenses, and other owner, property, and mortgage characteristics for the United States and regions.

Volume VI. ESTIMATES OF "SUBSTANDARD" HOUSING

This volume will present counts of "substandard" housing units for counties and cities, based on the number of units lacking plumbing facilities combined with estimates of units with all plumbing facilities but in "dilapidated" condition.

Volume VII. SUBJECT REPORTS

Each report in this volume will concentrate on a particular subject. Detailed information and cross-classifications will generally be provided on a national level; in some reports, data for States or SMSA's may also be shown. Among the subjects to be covered are housing characteristics by household composition, housing of minority groups and senior citizens, and households in mobile homes.

Population Census Reports

Volume I. CHARACTERISTICS OF THE POPULATION

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain four chapters designated as A, B, C, and D. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in four series designated as PC(1)-A, B, C, and D, respectively. The 58 PC(1)-A reports will be specially assembled and issued in a clothbound book, designated as Part A.

- Series PC(1)-A.
NUMBER OF INHABITANTS.

Final official population counts are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, all incorporated places, and unincorporated places of 1,000 inhabitants or more.

- Series PC(1)-B.
**GENERAL POPULATION
CHARACTERISTICS**

Statistics on age, sex, race, marital status, and relationship to head of household are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, and places of 1,000 inhabitants or more.

- Series PC(1)-C.
**GENERAL SOCIAL AND
ECONOMIC CHARACTERISTICS**

Statistics are presented on nativity and parentage, State or country of birth, Spanish origin, mother tongue, residence 5 years ago, year moved into present house, school enrollment (public or private), years of school completed, vocational training, number of children ever born, family composition, disability, veteran status, employment status, place of work, means of transportation to work, occupation group, industry group, class of worker, and income (by type) in 1969 of families and individuals. Each subject is shown for some or all of the following areas: States, counties (by urban, rural-nonfarm, and rural-farm residence), SMSA's urbanized areas, and places of 2,500 inhabitants or more.

■ Series PC(1)-D.

DETAILED CHARACTERISTICS

These reports cover most of the subjects shown in Series PC(1)-C, above, presenting the data in considerable detail and cross-classified by age, race, and other characteristics. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, and large cities.

Volume II.

SUBJECT REPORTS

Each report in this volume, also designated as Series PC(2), will concentrate on a particular subject. Detailed information and cross-relationships will generally be provided on a national and regional level; in some reports, data for States or SMSA's will also be shown. Among the characteristics to be covered are national origin and race, fertility, families, marital status, migration, education, unemployment, occupation, industry, and income.

Joint Population-Housing Reports

Series PHC(1).

CENSUS TRACT REPORTS

This series contains one report for each SMSA, showing data for most of the population and housing subjects included in the 1970 census.

Series PHC(2).

GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970

This series consists of one report for each State and the District of Columbia, as well as a national summary report, presenting statistics for the State and for SMSA's and their central cities and constituent counties. Comparative 1960 and 1970 data are shown on population counts by age and race and on such housing subjects as tenure, plumbing facilities, value, and contract rent.

Series PHC(3).

EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS

This series consists of approximately 70 reports, each presenting statistics on the social and economic characteristics of the residents of a particular low-income area. The data relate to low-income neighborhoods in 51 cities and seven rural poverty areas. Each report provides statistics on employment and unemployment, education, vocational training, availability for work,

job history, and income, as well as on value or rent and number of rooms in the housing unit.

Additional Reports

Series PHC(E).

EVALUATION REPORTS

This open series will present the results of the extensive evaluation program conducted as an integral part of the 1970 census program, and relating to such matters as completeness of enumeration and quality of the data on characteristics.

Series PHC(R).

PROCEDURAL REPORTS

This open series presents information on various administrative and methodological aspects of the 1970 census, and will include a comprehensive procedural history of the 1970 census. The first report issued focuses on the forms and procedures used in the data collection phase of the census.

Computer Summary Tapes

The major portion of the results of the 1970 census is produced in a set of six tabulation counts. To help meet the needs of census users, these counts are being designed to provide data with much greater subject and geographic detail than it is feasible or desirable to publish in printed reports. The data so tabulated are generally available—subject to suppression of certain detail where necessary to protect confidentiality—on magnetic computer tape, printouts, and microfilm, at the cost of preparing the copy.

First Count—source of the PC(1)-A reports; contains about 400 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for each of the approximately 250,000 enumeration districts in the United States.

Second Count—source of the PC(1)-B, HC(1)-A, and part of the PHC(1) reports; contains about 3,500 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States.

Third Count—source of the HC(3) reports; contains about 250 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for approximately 1,500,000 blocks in the United States.

Fourth Count—source of the PC(1)-C, HC(1)-B, and part of the PHC(1) reports; contains about 13,000 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States; also contains about 30,000 cells of data for each county.

Fifth Count—contains approximately 800 cells of population and housing data for 5-digit ZIP code areas in SMSA's and 3-digit ZIP code areas outside SMSA's; the ZIP code data are available only on tape.

Sixth Count—source of the PC(1)-D and HC(2) reports; contains about 260,000 cells of data covering the subjects in these reports and tabulated for States, SMSA's, and large cities.

The tapes are generally organized on a State basis. To use the First Count and Third Count tapes, it is necessary to purchase the appropriate enumeration district and block maps.

The term "cells" used herein to indicate the scope of subject content of the several counts refers to each figure or statistic in the tabulation for a specific geographic area. For example, in the Third Count, there are six cells for a cross-classification of race by sex: three categories of race (white, Negro, other race) by two categories of sex (male, female).

In addition to the above-mentioned summary tapes, the Census Bureau makes available for purchase certain sample tape files containing population and housing characteristics as shown on individual census records. These files contain no names or addresses, and the geographic identification is sufficiently broad to protect confidentiality. There are six files, each containing a 1-percent national sample of persons and housing units. Three of the files are drawn from the population covered by the census 15-percent sample and three from the population in the census 5-percent sample. Each of these three files provides a different type of geographic information: One identifies individual large SMSA's and, for the rest of the country, groups of counties; the second individual States and, where they are sufficiently large, provides urban-rural and metropolitan-nonmetropolitan detail; and the third State groups and size of place, with each individual record showing selected characteristics of the persons's neighborhood.

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**1970
CENSUS OF
HOUSING**

Metropolitan
Housing
Characteristics

**MANCHESTER, N.H.
STANDARD METROPOLITAN
STATISTICAL AREA**

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10	SALES PRICE ASKED AND RENT ASKED

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1	United States and Regions	43	Chattanooga, Tenn.-Ga. SMSA	85	Greensboro-Winston-Salem-High Point, N.C. SMSA
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6	Albuquerque, N. Mex. SMSA	48	Columbia, Mo. SMSA	90	Honolulu, Hawaii SMSA
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42	Charlotte, N.C. SMSA	84	Green Bay, Wis. SMSA	126	Madison, Wis. SMSA

Report number	Area	Report number	Area	Report number	Area
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128	Mansfield, Ohio SMSA	170	Portland, Maine SMSA	212	Stamford, Conn. SMSA
129	McAllen-Pharr-Edinburg, Tex. SMSA	171	Portland, Oreg.-Wash. SMSA	213	Steubenville-Weirton, Ohio-W. Va. SMSA
130	Memphis, Tenn.-Ark. SMSA	172	Providence-Pawtucket-Warwick, R.I.-Mass. SMSA	214	Stockton, Calif. SMSA
131	Meriden, Conn. SMSA	173	Provo-Orem, Utah SMSA	215	Syracuse, N.Y. SMSA
132	Miami, Fla. SMSA	174	Pueblo, Colo. SMSA	216	Tacoma, Wash. SMSA
133	Midland, Tex. SMSA	175	Racine, Wis. SMSA	217	Tallahassee, Fla. SMSA
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138	Monroe, La. SMSA	180	Roanoke, Va. SMSA	222	Topeka, Kans. SMSA
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145	New Britain, Conn. SMSA	187	St. Louis, Mo.-Ill. SMSA	229	Vallejo-Napa, Calif. SMSA
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162	Pensacola, Fla. SMSA	204	Sioux City, Iowa-Nebr. SMSA	246	Mayagüez, P. R. SMSA
163	Peoria, Ill. SMSA	205	Sioux Falls, S. Dak. SMSA	247	Ponce, P. R. SMSA
164	Petersburg-Colonial Heights, Va. SMSA	206	South Bend, Ind. SMSA	248	San Juan, P. R. SMSA
165	Philadelphia, Pa.-N.J. SMSA	207	Spokane, Wash. SMSA		
166	Phoenix, Ariz. SMSA	208	Springfield, Ill. SMSA		
167	Pine Bluff, Ark. SMSA	209	Springfield, Mo. SMSA		
168	Pittsburgh, Pa. SMSA	210	Springfield, Ohio SMSA		

TABLE FINDING GUIDE—Cross-Classification of Subjects by Table Number

This guide lists all subjects covered in this report. An asterisk (*) indicates that data are shown for housing units with Negro head of household, and the dagger symbol (†) means that the data are shown for housing units with household head of Spanish heritage; these data are shown when an area has 25,000 or more Negro or Spanish heritage population, respectively.

Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rent asked
OCCUPANCY AND VACANCY CHARACTERISTICS										
Year moved into unit	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Duration of vacancy	—	—	—	9 ¹	9	9	—	—	—	—
UTILIZATION CHARACTERISTICS										
Number of rooms	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	5, 15*, 23†	—	6, 16*, 24†	—	5, 15*, 23†	9	—
Size of household (persons)	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	8, 18*, 26†	8, 18*, 26†	—	—	—
Number of bedrooms	1, 11*	2, 12*	3, 13*	—	5, 15*	6, 16*	—	8, 18*	9	—
Persons per room	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
PLUMBING CHARACTERISTICS										
Plumbing facilities	—	—	—	—	—	—	—	—	9	—
Plumbing facilities by persons per room	1, 11*, 19†	2, 12*, 20†	4, 14*, 22†	—	5, 15*, 23†	6, 16*, 24†	7, 17*, 25†	4, 14*, 22†	—	—
Complete bathrooms	1, 11*, 19†	2, 12*, 20†	—	—	5, 15*, 23†	—	—	8, 18*, 26†	—	—
STRUCTURAL CHARACTERISTICS										
Units in structure	—	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	6, 16*, 24†	—	7, 17*, 25†	8, 18*, 26†	9	—
Year structure built	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	6, 16*, 24†	—	8, 18*, 26†	9	—
Elevator in structure	—	2, 12*	—	—	—	—	—	—	—	—
EQUIPMENT AND APPLIANCES										
Heating equipment	1, 11*, 19†	—	—	4, 14*, 22†	—	6, 16*, 24†	—	—	9	—
Air conditioning	1, 11*, 19†	2, 12*, 20†	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Automobiles available	—	—	3, 13*, 21†	—	—	6, 16*, 24†	—	—	—	—
Second home	—	—	3, 13*	—	—	—	—	—	—	—
Automatic clothes washing machine	—	—	3, 13*	—	—	—	—	—	—	—
Clothes dryer	—	—	3, 13*	—	—	—	—	—	—	—
Dishwasher	—	—	3, 13*	—	—	—	—	—	—	—
Home food freezer	—	—	3, 13*	—	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS										
Value	—	—	1, 11*, 19†	1, 11*, 19†	1, 11*, 19†	—	1, 11*, 19†	1, 11*, 19†	—	—
Value-income ratio	—	—	—	4, 14*, 22†	5, 15*, 23†	—	7, 17*, 25†	8, 18*, 26†	—	—
Gross rent	—	—	2, 12*, 20†	2, 12*, 20†	2, 12*, 20†	6, 16*, 24†	7, 17*, 25†	2, 12*, 20†	—	—
Gross rent as percentage of income	—	2, 12*, 20†	3, 13*, 21†	4, 14*, 22†	5, 15*, 23†	—	7, 17*, 25†	8, 18*, 26†	—	—
Gross rent as percentage of income by income	—	2	—	—	—	—	—	—	—	—
Sales price asked	—	—	—	10 ¹	—	—	—	—	9	—
Rent asked	—	—	—	10 ¹	—	10	—	—	9	—
Inclusion of utilities in rent	—	—	—	—	—	—	—	—	—	—
HOUSEHOLD CHARACTERISTICS										
Household composition by age of head	1, 11*, 19†	7, 17*, 25†	7, 17*, 25†	7, 17*, 25†	—	7, 17*, 25†	—	8, 18*, 26†	—	—
Income in 1969	1, 11*, 19†	2, 12*, 20†	—	4, 14*, 22†	3, 13*, 21†	6, 16*, 24†	7, 17*, 25†	3, 13*, 21†	—	—

¹ Vacant units tabulated by plumbing facilities only.

INTRODUCTION

APPENDIXES

A. Area Classifications	App-1
B. Definitions and Explanations of Subject Characteristics ...	App-2
C. Accuracy of the Data	App-14
D. Publication and Computer Summary Tape Program	App-20

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GENERAL

This report presents cross-tabulations of housing and household characteristics from the 1970 Census of Population and Housing for the standard metropolitan statistical area, its central city or cities, and its places of 50,000 inhabitants or more. Legal provision for this census, which was conducted as of April 1, 1970, was made in the Act of Congress of August 31, 1954 (amended August 1957), which codified Title 13, United States Code.

This report series contains 248 reports as listed on page II. There is one report for each standard metropolitan statistical area (recognized as of February 1971) in the United States and Puerto Rico, as well as a summary report for the United States.

This series of reports is one of the several series which present the information compiled from the census. For a description of the full data dissemination program of the 1970 Population and Housing Census, see Appendix D, "Publication and Computer Summary Tape Program."

The content and procedures of the 1970 census were determined after evaluation of the results of the 1960 census, consultation with a wide variety of users of census data, and extensive field pretesting. A number of

changes were introduced in 1970 to improve the usefulness of the census results. For most of the characteristics shown in this report, the changes do not, however, affect to any appreciable extent the comparability of the 1970 data with those for 1960; further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in later reports of the 1970 census.

Organization of the text.—The text consists of this introduction and four appendixes which appear after the tables. Appendix A describes the various area classifications (e.g., places, standard metropolitan statistical areas, etc.) and briefly explains the residence rules used in counting the population. Appendix B provides definitions and explanations for the subjects covered in this report, including facsimiles of the 1970 census questionnaire pages and a facsimile of the instruction sheet. Appendix C presents information on sources of error in the data, editing procedures, the sample design, ratio estimation, and sampling variability. Appendix D summarizes the data dissemination program of the 1970 census.

Content of the tables.—A series of standard tables is presented for each area shown in this report. Tables 1 to 8 present statistics for owner-occupied and renter-occupied units. Tables 9 and 10 present statistics for vacant units, separately for units for

sale and for units for rent. Data for housing units with Negro head of household are presented in tables 11 to 18, and data for housing units with heads of Spanish heritage (i.e., heads of Spanish language or surname or of Puerto Rican birth or parentage) are presented in tables 19 to 26; these tables, which have the same subject content as tables 1 to 8, are published for those standard metropolitan statistical areas, cities or places that have a population of 25,000 or more for the particular group. The finding guide on page IV lists the characteristics covered in this report and shows the tables in which the various types of statistics appear.

The prefix letter "A" has been assigned to the tables for the total standard metropolitan statistical area; tables for the central cities and places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.

Sample size.—The statistics presented in this report are based on a sample of housing units. More specifically, the data are derived from the 15-percent and 5-percent sample questionnaires (see "Data Collection Procedures," below). Some items appeared on both sample questionnaires and, therefore, are based on a 20-percent sample of housing units. The sampling rate for each subject is shown in table A of Appendix C, "Accuracy of the Data." Appendix C also presents information on the sampling variability associated with these data.

Statistics for some subgroups (e.g., households in owner-occupied units with incomes of less than \$2,000 or renter-occupied 1-room units) may differ from table to table or within the same table when the figures are tabulated from different samples.

Derived figures (medians, etc.).—

Shown in this report are medians as well as certain percentages and ratios. The median, which is a type of average, is the middle value in a distribution; i.e., the median divides the distribution into two equal parts—one-half of the cases fall below the median and one-half of the cases exceed the median. For all types of derived figures in this report, the figure is not presented (but indicated by three dots "...") if there are fewer than the prescribed number of units in the distribution or the base. For the 20-percent sample, the minimum number of housing units is 100; for the 15-percent sample, the minimum is 132; and for the 5-percent sample, the minimum is 400.

Medians for rooms and persons are rounded to the nearest tenth, for value to the nearest hundred dollars, and for rent to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 rooms" is treated as an interval ranging from 2.5 up to 3.5 rooms. In computing median rent, units reported as "no cash rent" are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. When the median falls in the lower terminal category of an open-end distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category "Less than \$5,000," it is shown as "\$5,000—." When the median falls in the upper terminal category of an open-end distribution, the method of presentation is to show the initial value of the

terminal category followed by a plus sign; thus, for example, if the median falls in the category "\$50,000 or more," it is shown as "\$50,000+."

Symbols.—A dash "—" signifies zero. Three dots "..." mean not applicable, or that the base for a derived figure is too small for it to be shown, or that the data are being withheld to avoid disclosure of information for individual housing units. The symbol "U" means that the place is unincorporated.

Boundaries.—The data shown for 1970 relate to the boundaries as they existed on January 1, 1970. Information on boundary changes between 1960 and 1970 for certain types of areas is given in the 1970 Population Census PC(1)-A reports.

DATA COLLECTION PROCEDURES

The 1970 census was conducted primarily through self-enumeration. In 1960, self-enumeration was first introduced on a nationwide scale as a substitute for the traditional census direct interview.

A census questionnaire was delivered by postal carriers to every household several days before Census Day, April 1, 1970. This questionnaire contained certain explanatory information and was accompanied by an instruction sheet; in areas with comparatively large proportions of Spanish-speaking persons, a Spanish version of the instruction sheet was also enclosed. Some of this material is reproduced in Appendix B, "Definitions and Explanations of Subject Characteristics."

In the larger metropolitan areas and some adjacent counties, altogether containing about three-fifths of the

population of the United States, the householder was requested to fill out and mail back the form on Census Day. Approximately 87 percent of the householders did so. The mailed-back forms were reviewed by the census enumerator (or, in some localities, a census clerk) and if the form was determined to be incomplete or inconsistent, a followup was made. The bulk of these followups were made by telephone, the rest by personal visit. For the households that did not mail back their forms, a followup was also made, in almost all cases by personal visit and in the remainder by telephone; vacant units were enumerated by personal visit.

For the remaining two-fifths of the population, the householder was requested to fill out the form and give it to the enumerator when he called; approximately 80 percent did so. Incomplete and unfilled forms were completed by interview during the enumerator's visit.

Three types of questionnaires were used throughout the country: 80 percent of the households answered a form containing a limited number of population and housing questions and the remainder, split into 15-percent and 5-percent samples, answered forms which contained these questions as well as a number of additional questions. Some of the additional questions were the same on the 15-percent and 5-percent versions; others were different. A random procedure was used to determine which of the three forms any particular household answered.

In the metropolitan and adjacent areas, the designated type was sent to each household. In the remaining areas, the questionnaire with a limited number of questions was distributed to all households and the enumerators

INTRODUCTION—Continued

interviewed for the additional questions in those households designated for the 15-percent and 5-percent samples.

The subjects covered in this report are all drawn from the 15-percent and 5-percent sample questionnaires.

PROCESSING PROCEDURES

The 1970 census questionnaires were specially designed to be processed by FOSDIC (Film Optical

Sensing Device for Input to Computers). Respondents and enumerators (and for some few items, census clerks) marked the answers in predesignated positions which could be "read" by FOSDIC, from a microfilm copy of the questionnaire, onto computer magnetic tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing

and tabulation steps (see Appendix C, "Accuracy of the Data"). One of the end results of this operation was a computer tape from which the tables in this report were prepared on a cathode-ray-tube phototypesetting machine at the Government Printing Office. Another end result was the summary tape which is available for purchase, as described in Appendix D, "Publication and Computer Summary Tape Program."

CONTENTS

METROPOLITAN HOUSING CHARACTERISTICS

Manchester, N.H.

STANDARD METROPOLITAN STATISTICAL AREA

[Page numbers listed here omit the SMSA prefix number which appears as part of the page number for each page. The prefix for this SMSA is 127.]

page

MAP

Counties, Standard Metropolitan
Statistical Areas, and Selected Places **XI**

INDEX OF TABLES

[The prefix letter "A" refers to tables for the total SMSA; tables for central cities and for places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.]

Area	Prefix letter	Tables 1-10	Tables 11-18	Tables 19-26
		<i>Pages</i>	<i>Pages</i>	<i>Pages</i>
Total SMSA	A	1 to 9	—	—
Manchester city	B	10 to 18	—	—

CONTENTS—Continued

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[Tables 11 to 18 are shown if an area has 25,000 or more Negro population and tables 19 to 26 are shown if an area has 25,000 or more population of Spanish language]

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| 2 | Gross Rent of Renter Occupied Housing Units: 1970 |
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| 26 | Persons in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970 |

DESCRIPTION OF SMSA

The Manchester, N.H. Standard Metropolitan Statistical Area comprises the following:

Hillsborough County (part)

Bedford town

Goffstown town

Manchester city

Merrimack County (part)

Hooksett town

Counties, Standard Metropolitan Statistical Areas, and Selected Places

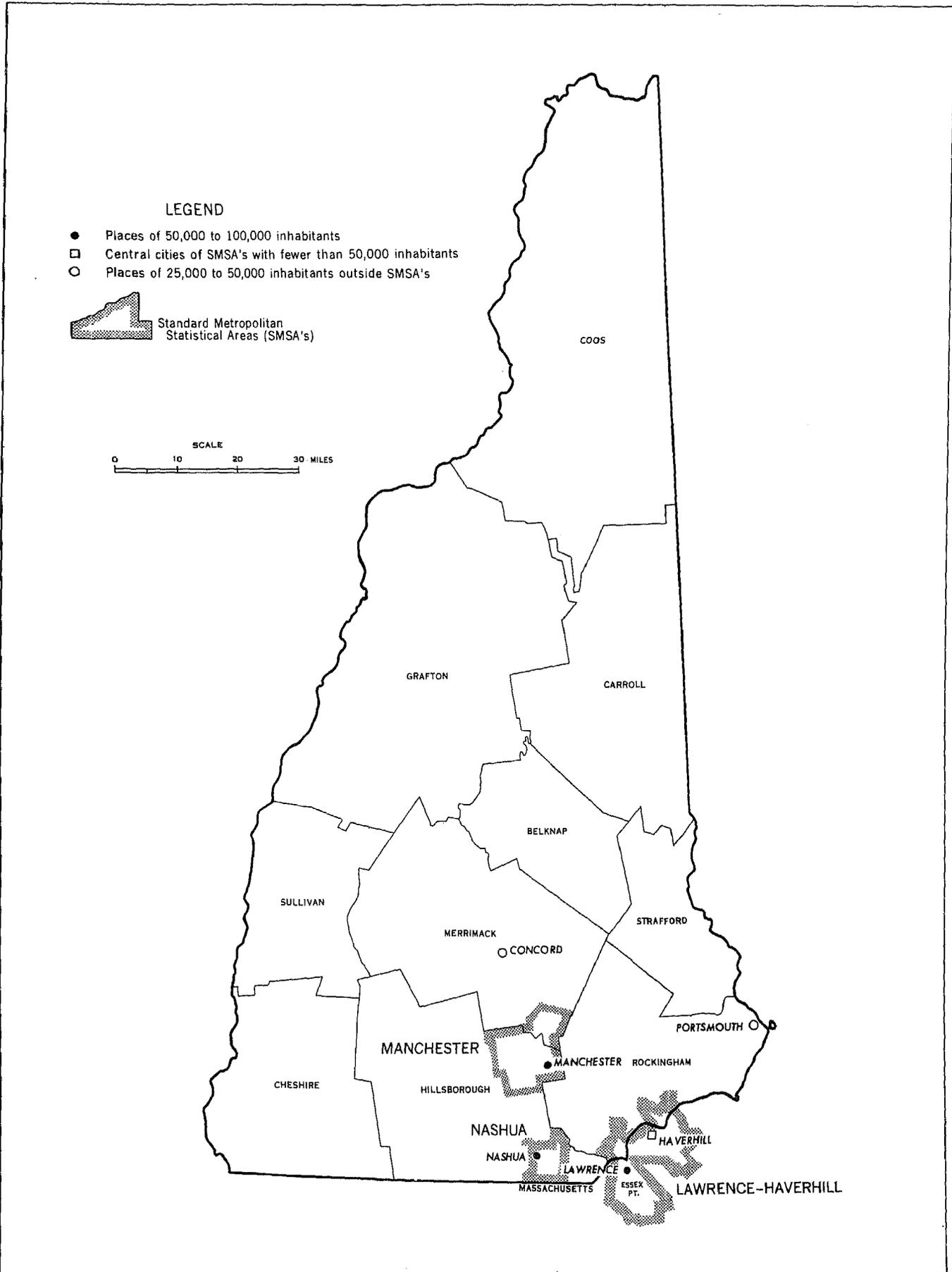


Table A-1. Value of Owner Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	14 682	96	281	676	1 415	2 048	5 285	2 490	1 557	638	196	17 500
ROOMS												
1 and 2 rooms	27	10	—	—	6	5	—	—	—	—	6	...
3 rooms	210	17	28	64	30	38	23	5	5	—	—	9 800
4 rooms	1 806	16	83	166	340	403	627	125	36	10	—	14 300
5 rooms	3 973	24	67	122	410	553	1 780	748	241	22	6	17 200
6 rooms	4 277	8	45	148	353	625	1 674	798	474	118	34	17 800
7 rooms	2 225	12	45	108	160	237	597	489	384	159	34	19 600
8 rooms or more	2 164	9	13	68	116	187	584	417	329	116	116	21 600
Median	5.8	...	4.9	5.4	5.3	5.5	5.6	6.0	6.6	7.5	7.5+	...
PERSONS												
1 person	1 372	44	69	148	255	218	304	230	37	58	9	14 400
2 persons	4 014	34	98	224	449	499	1 523	528	447	132	80	17 000
3 persons	2 505	4	48	85	199	357	967	427	297	103	18	17 800
4 persons	2 528	—	22	51	188	377	905	577	265	125	18	18 300
5 persons	1 954	—	25	74	149	248	724	351	244	105	34	18 400
6 persons or more	2 309	14	19	94	175	349	862	377	267	115	37	17 600
Median	3.3	...	2.2	2.3	2.5	3.4	3.3	3.6	3.5	3.7	3.0	...
Units with roomers, boarders, or lodgers	180	—	8	9	17	17	72	40	11	6	—	17 600
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	14 560	73	243	656	1 404	2 036	5 273	2 484	1 557	638	196	17 500
0.50 or less	6 998	54	156	356	795	883	2 354	1 055	805	412	128	17 300
0.51 to 1.00	6 533	10	77	216	484	963	2 510	1 256	716	217	64	18 000
1.01 to 1.50	923	5	5	15	108	155	378	159	31	9	4	18 300
1.51 or more	106	4	5	15	11	15	31	14	5	—	—	14 500
Lacking some or all plumbing facilities	122	23	38	20	11	12	12	6	—	—	—	7 500
0.50 or less	91	18	24	14	11	12	6	6	—	—	—	...
0.51 to 1.00	23	5	6	6	—	—	6	—	—	—	—	...
1.01 to 1.50	8	—	8	—	—	—	—	—	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	...
BEDROOMS												
None and 1	492	—	50	44	40	120	175	43	20	—	—	14 800
2	4 332	20	81	187	681	720	1 672	519	323	86	43	16 100
3	6 539	20	79	302	505	811	2 333	1 434	727	233	95	18 500
4 or more	3 378	—	43	118	258	511	1 097	448	498	261	144	18 400
YEAR STRUCTURE BUILT												
1969 to March 1970	366	—	—	5	6	—	126	72	90	67	—	23 200
1965 to 1968	1 441	3	4	15	21	71	495	314	332	143	43	21 800
1960 to 1964	1 816	3	9	23	50	130	699	486	298	85	33	20 000
1950 to 1959	4 151	10	9	90	274	651	1 702	776	418	172	49	18 000
1940 to 1949	1 609	16	47	75	252	334	496	199	142	40	8	15 800
1939 or earlier	5 299	64	212	468	812	862	1 767	643	277	131	63	15 500
COMPLETE BATHROOMS												
1 and 1 1/2	12 047	67	207	642	1 333	1 907	4 740	2 004	934	205	8	16 800
2 and 2 1/2	2 110	—	13	12	49	46	454	482	537	391	126	25 000
3 or more	225	—	—	—	6	14	20	9	80	62	34	32 900
None or also used by another household	249	40	78	40	22	22	36	4	—	7	—	7 900
HOUSEHOLD COMPOSITION												
Two-or-more-person households	13 310	52	212	528	1 160	1 830	4 981	2 260	1 520	580	187	17 700
Male head, wife present, no nonrelatives	11 678	43	172	426	997	1 602	4 346	2 020	1 384	530	158	17 900
Under 25 years	150	—	—	10	8	7	80	30	3	10	—	18 000
25 to 34 years	1 834	—	15	25	112	202	824	393	177	62	24	18 600
35 to 44 years	3 136	5	10	67	215	485	1 097	621	419	167	50	18 500
45 to 64 years	5 249	21	115	264	505	739	1 860	811	640	220	74	17 600
65 years and over	1 309	17	32	60	157	167	485	145	71	10	10	16 700
Other male head	525	—	13	35	51	75	212	55	44	24	16	16 500
Under 65 years	410	—	13	22	26	71	170	45	39	19	5	16 700
65 years and over	115	—	13	25	25	4	42	10	5	5	11	15 900
Female head	1 107	9	27	67	112	153	423	185	92	26	13	16 800
Under 65 years	836	4	8	40	78	113	357	142	73	16	5	17 100
65 years and over	271	5	19	27	34	40	66	43	19	10	8	15 600
One-person households	1 372	44	69	148	255	218	304	230	37	58	9	14 400
Under 65 years	589	26	45	103	114	114	147	100	11	11	11	14 400
65 years and over	783	18	24	116	152	104	157	130	26	47	9	14 500
INCOME IN 1969												
Less than \$2,000	948	28	36	140	183	110	231	125	54	31	10	14 500
\$2,000 to \$2,999	528	—	30	56	89	64	161	60	34	31	3	15 600
\$3,000 to \$3,999	412	9	22	36	80	62	140	36	21	6	—	14 900
\$4,000 to \$4,999	394	—	20	23	60	67	144	58	22	—	—	15 700
\$5,000 to \$5,999	660	5	15	102	71	102	230	100	41	19	10	16 300
\$6,000 to \$6,999	606	15	29	35	79	137	206	64	25	9	5	15 200
\$7,000 to \$9,999	2 924	22	62	100	333	539	1 163	458	176	62	9	16 600
\$10,000 to \$14,999	4 896	12	45	163	346	727	2 109	890	488	85	31	17 700
\$15,000 to \$24,999	2 565	5	22	52	121	254	849	569	497	160	36	19 900
\$25,000 or more	749	—	—	—	22	21	52	128	199	235	92	32 600
Median	\$10 900	...	\$6 600	\$6 300	\$8 000	\$9 900	\$10 900	\$11 900	\$14 200	\$19 800	\$23 300	...
YEAR MOVED INTO UNIT												
1969 to March 1970	1 180	4	6	34	21	64	412	280	228	125	6	20 900
1968	974	4	—	8	37	114	411	186	150	26	29	18 900
1967	798	—	6	7	23	77	351	177	120	37	—	19 300
1965 and 1966	1 642	—	24	30	128	198	558	307	231	143	23	18 800
1960 to 1964	3 008	—	39	110	184	451	1 148	596	375	81	24	17 900
1950 to 1959	4 303	26	64	232	532	703	1 584	649	277	180	56	16 700
1949 or earlier	2 726	73	159	273	485	382	786	304	161	73	30	14 900
HEATING EQUIPMENT												
Steam or hot water	10 057	43	113	338	848	1 324	3 785	1 990	1 104	392	118	18 100
Warm-air furnace	3 646	20	113	278	489	644	1 262	381	265	147	47	15 900
Built-in electric units	603	—	4	—	—	36	181	77	182	92	31	25 200
Floor, wall, or pipeless furnace	59	—	5	10	11	11	11	—	—	—	—	...
Other means	317	33	46	50	67	31	46	31	6	7	—	11 100
None	—	—	—	—	—	—	—	—	—	—	—	...
AIR CONDITIONING												
Room unit(s)	1 950	24	21	42	144	235	681	381	267	141	14	18 700
Central system	137	—	—	—	8	—	15	34	25	35	20	29 600
None	12 544	83	277	652	1 258	1 754	4 554	2 084	1 259	489	134	17 300

¹Limited to one-family homes on less than 10 acres and no business on property.

Table A-2. Gross Rent of Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	14 785	1 252	737	1 344	1 418	3 534	2 786	2 008	962	217	21	506	93
ROOMS													
1 room	871	482	100	63	21	148	32	19	-	-	-	6	50--
2 rooms	981	181	114	232	105	163	85	57	12	6	-	26	68
3 rooms	2 653	334	218	263	300	588	448	259	140	32	-	71	86
4 rooms	3 847	167	146	366	466	1 024	856	479	211	29	8	95	94
5 rooms	4 130	48	116	341	376	1 095	822	747	368	79	5	133	101
6 rooms	1 792	25	43	62	133	443	420	377	152	32	4	101	107
7 rooms	279	11	-	11	11	40	87	51	33	5	-	30	112
8 rooms or more	232	4	-	6	6	33	36	19	46	34	4	44	134
Median	4.2	2.3	3.2	3.8	4.1	4.3	4.5	4.8	4.8	5.0	...	4.9	...
PERSONS													
1 person	4 867	1 034	489	703	462	986	436	302	236	40	-	179	73
2 persons	4 181	149	125	307	536	1 186	797	626	262	36	-	157	95
3 persons	2 446	31	47	140	226	612	671	437	168	38	9	67	104
4 persons	1 534	20	31	92	89	365	446	262	151	43	-	35	107
5 persons	860	-	15	34	50	198	228	192	73	32	8	30	110
6 persons or more	897	18	30	68	55	187	208	189	72	28	4	38	107
Median	2.1	1.1	1.3	1.5	2.0	2.2	2.7	2.7	2.4	3.4	...	2.0	...
Units with roomers, boarders, or lodgers	261	8	4	16	24	46	64	47	13	25	-	14	108
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	13 960	796	634	1 243	1 368	3 492	2 753	1 992	957	217	21	487	93
0.50 or less	7 487	541	441	831	912	1 886	1 103	873	500	72	-	328	88
0.51 to 1.00	5 615	251	152	324	398	1 388	1 446	961	412	131	17	135	103
1.01 to 1.50	691	-	30	49	45	170	185	141	40	11	4	16	105
1.51 or more	167	4	11	39	13	48	19	17	5	3	-	8	84
Lacking some or all plumbing facilities	825	456	103	101	50	42	33	16	5	-	-	19	30--
0.50 or less	222	71	33	67	9	3	6	16	5	-	-	12	60
0.51 to 1.00	541	369	70	23	30	39	10	-	-	-	-	-	50--
1.01 to 1.50	13	5	-	5	-	-	3	-	-	-	-	-	...
1.51 or more	49	11	-	6	11	-	14	-	-	-	-	7	...
BEDROOMS													
None	1 005	532	80	56	29	208	-	75	-	-	-	-	50--
1	4 396	666	206	548	470	988	862	335	121	80	-	120	84
2	5 335	109	133	512	420	1 513	1 064	954	416	19	24	171	99
3 or more	3 958	28	55	156	383	910	918	713	369	199	-	227	107
YEAR STRUCTURE BUILT													
1969 to March 1970	302	135	37	15	5	10	11	15	9	37	4	24	51
1965 to 1968	386	10	-	-	5	4	15	77	209	38	-	28	166
1960 to 1964	425	118	36	22	6	15	28	80	76	16	8	20	104
1950 to 1959	619	32	23	98	49	64	117	92	87	14	-	43	104
1940 to 1949	721	64	27	84	21	121	78	207	72	13	-	34	107
1939 or earlier	12 332	893	614	1 125	1 332	3 320	2 537	1 537	509	99	9	357	92
ELEVATOR IN STRUCTURE													
4 floors or more	1 081	387	24	94	107	103	141	99	101	-	-	25	72
With elevator	529	226	-	51	69	25	44	44	45	-	-	25	65
Walk-up	552	161	24	43	38	78	97	55	56	-	-	-	81
1 to 3 floors	13 613	948	450	1 178	1 195	3 516	2 703	1 978	805	298	24	518	96
COMPLETE BATHROOMS													
1 and 1 1/2	13 739	747	694	1 232	1 412	3 429	2 697	1 955	964	168	15	426	95
2 or more	161	8	-	16	-	18	19	18	18	24	5	35	...
None or also used by another household	901	489	119	108	50	73	35	13	-	-	-	14	50--
INCOME IN 1969													
Less than \$2,000	2 667	629	269	375	234	575	183	125	96	16	-	165	69
\$2,000 to \$2,999	1 200	182	95	212	130	253	117	132	45	-	-	34	77
\$3,000 to \$3,999	1 202	161	99	165	175	273	161	98	39	5	-	26	79
\$4,000 to \$4,999	1 225	76	61	116	147	329	246	110	63	21	-	56	92
\$5,000 to \$5,999	1 280	73	86	105	117	311	287	176	65	24	4	32	95
\$6,000 to \$6,999	1 120	47	40	104	138	297	211	145	85	12	-	41	94
\$7,000 to \$9,999	3 002	67	71	144	273	857	730	567	155	54	9	75	101
\$10,000 to \$14,999	2 338	17	4	76	171	481	663	562	243	62	8	51	112
\$15,000 to \$24,999	661	-	4	33	28	140	173	89	145	23	-	26	113
\$25,000 or more	90	-	8	14	5	18	15	4	26	-	-	-	...
Median	\$5 900	\$2 000	\$3 000	\$3 500	\$5 200	\$6 100	\$7 800	\$8 200	\$8 700	\$8 700	...	\$4 500	...
YEAR MOVED INTO UNIT													
1969 to March 1970	4 228	397	173	260	281	753	851	846	431	113	15	108	105
1968	1 893	134	74	109	164	431	476	328	156	14	-	7	101
1967	1 202	70	70	117	79	297	276	189	65	28	5	6	98
1965 and 1966	1 805	115	97	182	170	517	371	209	97	7	-	40	92
1960 to 1964	2 292	227	130	255	270	652	338	210	143	16	-	51	87
1950 to 1959	1 950	170	144	241	326	453	297	113	62	14	-	130	81
1949 or earlier	1 431	131	125	192	172	417	142	91	28	-	-	133	81
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 429	185	77	194	229	381	264	47	52	-	-	...	81
10 to 14 percent	3 188	184	156	218	336	956	760	430	148	-	-	...	95
15 to 19 percent	2 555	136	81	152	241	580	613	553	168	-	-	...	103
20 to 24 percent	1 561	135	75	132	115	376	302	233	132	31	-	...	98
25 to 34 percent	1 949	198	97	190	186	369	387	313	137	68	4	...	96
35 percent or more	3 405	388	245	438	311	805	400	405	315	61	17	...	87
Not computed	698	26	6	20	-	67	30	27	10	8	-	506	94
AIR CONDITIONING													
Room unit(s)	1 025	19	36	59	93	169	209	140	186	35	-	79	109
Central system	51	-	-	-	-	14	6	7	-	-	-	10	-
None	13 725	1 225	777	1 297	1 369	3 337	2 536	1 832	789	157	20	386	92

¹Excludes one-family homes on 10 acres or more.

Table A-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

The SMSA	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	19 420	1 520	780	641	610	863	898	4 057	6 140	3 079	832	10 300
ROOMS												
1 and 2 rooms	65	32	-	3	-	-	-	11	19	-	-	5 100
3 rooms	385	80	51	27	29	42	4	84	64	4	-	8 200
4 rooms	2 766	291	166	139	108	231	156	729	736	204	6	9 800
5 rooms	5 752	461	198	185	205	230	315	1 383	1 967	711	97	10 800
6 rooms	5 402	367	161	173	141	197	292	1 086	1 818	986	181	12 400
7 rooms or more	5 050	289	204	114	127	163	131	764	1 536	1 174	548	12 400
PERSONS												
1 person	2 141	899	254	258	159	108	127	201	87	25	23	2 700
2 persons	5 617	452	433	251	304	406	369	1 217	1 389	616	180	6 500
3 and 4 persons	6 510	114	52	105	94	234	250	1 489	2 588	1 264	320	11 800
5 persons	2 315	39	30	16	30	35	69	540	986	466	104	12 000
6 persons or more	2 837	16	11	11	23	80	83	610	1 090	708	205	12 700
Units with roomers, boarders, or lodgers	261	41	9	-	11	24	9	69	69	23	6	8 600
BEDROOMS												
Less than 3	7 292	744	315	493	380	352	433	1 641	1 969	926	39	8 700
3	8 416	472	181	161	288	351	252	2 048	2 731	1 588	344	10 800
4 or more	3 761	302	111	76	59	100	123	562	1 229	901	298	12 200
YEAR STRUCTURE BUILT												
1969 to March 1970	438	25	9	-	15	10	17	78	167	91	26	11 900
1960 to 1968	3 599	168	36	76	69	141	124	639	1 356	714	276	12 000
1950 to 1959	4 459	157	138	96	98	187	146	1 033	1 504	872	228	11 200
1949 or earlier	10 924	1 170	597	469	428	525	611	2 307	3 113	1 402	302	9 200
YEAR MOVED INTO UNIT												
1969 to March 1970	1 499	75	59	20	33	40	82	279	537	277	97	11 500
1968	1 190	45	8	14	7	59	35	317	464	178	63	11 200
1960 to 1967	6 722	298	114	129	164	206	284	1 498	2 490	1 186	353	11 300
1959 or earlier	9 999	1 104	668	445	382	571	528	1 881	2 721	1 341	358	9 100
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	16 758	945	424	431	542	531	750	3 771	5 541	3 199	624	10 900
Clothes dryer	10 275	286	160	122	294	209	405	2 306	3 643	2 248	602	11 900
Dishwasher	4 310	55	131	36	134	111	80	524	1 370	1 324	545	14 000
Home food freezer	3 504	158	46	65	44	174	96	616	1 094	874	298	12 300
Owned second home	1 624	54	65	40	44	37	56	405	520	271	132	11 100
With air conditioning	2 678	136	93	50	73	128	65	462	859	557	255	11 900
Room unit(s)	2 529	136	93	50	73	117	65	453	824	489	229	17 700
Central system	149	-	-	-	-	11	-	9	35	68	26	17 900
Automobiles available:												
1	10 772	683	414	389	401	583	681	2 852	3 579	1 012	179	9 400
2	5 838	96	60	59	70	163	145	931	2 228	1 546	540	13 100
3 or more	953	13	-	8	6	19	14	75	287	391	140	16 400
Renter occupied housing units	14 859	2 682	1 200	1 205	1 225	1 285	1 120	3 019	2 369	664	90	5 900
ROOMS												
1 room	871	401	85	109	73	58	57	52	23	5	8	2 400
2 rooms	988	329	155	85	79	75	90	101	69	5	-	3 100
3 rooms	2 659	758	242	315	264	256	180	321	242	60	21	4 100
4 rooms	3 854	683	343	310	355	321	272	840	556	148	26	5 700
5 rooms	4 157	377	315	270	308	408	351	1 037	867	198	26	7 100
6 rooms or more	2 330	134	60	116	146	167	170	668	612	248	9	8 700
PERSONS												
1 person	4 885	2 159	623	548	454	330	245	306	166	33	21	2 500
2 persons	4 200	342	382	379	454	426	380	909	754	165	9	6 300
3 and 4 persons	4 001	147	163	204	217	373	359	1 293	929	280	34	8 200
5 persons	871	11	6	34	36	76	86	255	256	100	11	9 200
6 persons or more	902	23	26	38	64	80	50	256	264	86	15	9 000
Units with roomers, boarders, or lodgers	261	56	26	24	34	49	23	29	15	5	-	4 700
BEDROOMS												
None	1 005	472	80	228	41	80	-	46	29	29	-	2 400
1	4 396	1 241	496	448	308	386	294	767	372	55	29	4 000
2	5 369	618	470	453	544	587	313	1 216	818	316	34	6 000
3 or more	4 033	166	171	139	273	220	338	1 167	1 239	283	37	8 800
YEAR STRUCTURE BUILT												
1969 to March 1970	302	81	47	64	15	6	5	52	26	6	-	3 400
1960 to 1968	817	152	74	21	63	52	72	125	149	85	24	6 600
1950 to 1959	632	95	73	46	46	34	52	122	111	35	18	6 400
1949 or earlier	13 108	2 354	1 006	1 074	1 101	1 193	991	2 720	2 083	538	48	5 900
YEAR MOVED INTO UNIT												
1969 to March 1970	4 237	662	363	346	331	367	385	950	662	155	16	6 100
1968	1 906	233	127	126	161	146	169	467	374	103	-	6 900
1960 to 1967	5 321	896	403	402	503	467	412	1 032	856	299	51	6 000
1959 or earlier	3 405	939	315	331	256	298	168	492	477	110	19	4 500
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	14 785	2 667	1 200	1 202	1 225	1 280	1 120	3 002	2 338	661	90	5 900
Less than 15 percent	4 617	6	5	78	96	200	279	1 426	1 831	606	90	10 600
15 to 19 percent	2 555	6	47	128	204	299	422	1 077	347	25	-	7 500
20 to 24 percent	1 561	27	124	200	292	367	188	281	78	4	-	5 400
25 to 34 percent	1 949	154	283	454	420	295	151	125	27	-	-	4 100
35 percent or more	3 405	2 077	707	316	157	87	39	18	4	-	-	2000-
Not computed	698	357	34	26	56	32	41	75	51	26	-	2 000
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	7 867	744	502	422	709	643	507	2 094	1 660	515	71	7 600
Clothes dryer	2 435	134	90	59	187	96	181	672	731	250	35	9 100
Dishwasher	477	17	31	18	43	22	22	121	172	63	-	9 700
Home food freezer	896	-	22	37	37	131	60	241	310	95	-	9 500
Owned second home	213	21	66	-	19	-	21	17	18	15	36	...
With air conditioning	1 083	93	39	47	49	69	127	207	333	109	10	8 700
Room unit(s)	1 032	87	39	47	49	69	120	194	315	102	10	8 600
Central system	51	6	-	-	-	-	7	13	18	7	-	...
Automobiles available:												
1	7 888	647	345	494	575	777	752	2 224	1 635	371	68	7 500
2	1 303	43	30	25	42	69	83	256	544	206	5	11 000
3 or more	165	6	14	16	6	7	8	8	46	54	-	11 900

¹Excludes one-family homes on 10 acres or more.

Table A-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	With all plumbing facilities					Lacking some or all plumbing facilities					
	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	19 420	19 238	9 636	8 200	1 254	148	182	125	44	13	-
PERSONS											
1 person.....	2 141	2 063	2 057	6	-	-	78	67	11	-	-
2 persons.....	5 617	5 541	5 340	196	-	-	76	58	18	-	-
3 persons.....	3 310	3 310	1 760	1 550	-	-	-	-	-	-	-
4 persons.....	3 200	3 187	374	2 788	9	16	13	-	9	4	-
5 persons.....	2 315	2 305	105	2 086	109	5	10	-	6	4	-
6 persons or more.....	2 837	2 832	-	1 574	1 136	122	5	-	-	5	-
Median.....	3.1	3.1	2.0	4.3	6.7	7.5+	1.7	1.4	...	...	-
Units with roomers, boarders, or lodgers.....	261	257	102	124	23	8	4	-	-	4	-
YEAR STRUCTURE BUILT											
1969 to March 1970.....	483	476	234	242	-	-	7	-	-	7	-
1965 to 1968.....	1 608	1 602	578	944	67	13	6	-	-	6	-
1960 to 1964.....	2 004	1 997	639	1 197	154	7	7	-	-	7	-
1950 to 1959.....	4 403	4 380	1 926	2 075	348	31	23	9	14	-	-
1940 to 1949.....	1 881	1 858	948	737	140	33	23	16	7	-	-
1939 or earlier.....	9 031	8 912	5 300	2 938	619	55	119	89	30	-	-
INCOME IN 1969											
Less than \$2,000.....	1 520	1 447	1 291	147	9	-	73	56	17	-	-
\$2,000 to \$2,999.....	780	761	680	76	5	-	19	14	-	5	-
\$3,000 to \$3,999.....	641	634	538	96	-	-	7	7	-	-	-
\$4,000 to \$4,999.....	610	600	475	111	14	-	10	6	-	4	-
\$5,000 to \$5,999.....	863	846	560	233	48	-	17	6	5	-	-
\$6,000 to \$6,999.....	898	892	577	276	39	-	6	6	-	4	-
\$7,000 to \$9,999.....	4 057	4 030	1 790	1 846	336	58	27	11	12	4	-
\$10,000 to \$14,999.....	6 140	6 117	2 134	3 407	517	59	23	13	10	-	-
\$15,000 to \$24,999.....	3 079	3 079	1 127	1 675	259	18	-	-	-	-	-
\$25,000 or more.....	832	832	464	333	27	8	-	-	-	-	-
Median.....	\$10 300	\$10 300	\$8 200	\$11 900	\$11 700	\$10 900	\$2 900	\$2 500	...	...	-
VALUE-INCOME RATIO											
Specified owner occupied ¹	14 682	14 560	6 998	6 533	923	106	122	91	23	8	-
Less than 1.5.....	5 305	5 261	1 909	2 818	464	70	44	24	12	8	-
1.5 to 1.9.....	3 401	3 396	1 391	1 726	258	21	5	5	-	-	-
2.0 to 2.4.....	1 919	1 913	902	871	130	10	6	6	-	-	-
2.5 to 2.9.....	966	956	420	503	28	5	10	10	-	-	-
3.0 to 3.9.....	973	962	658	276	28	-	11	6	5	-	-
4.0 or more.....	1 990	1 956	1 620	321	15	-	34	34	-	-	-
Not computed.....	128	116	98	18	-	-	12	6	6	-	-
HEATING EQUIPMENT											
Steam or hot water.....	13 158	13 139	6 605	5 579	879	76	19	7	12	-	-
Warm-air furnace.....	4 808	4 748	2 330	2 072	289	57	60	39	17	4	-
Built-in electric units.....	651	651	272	345	19	5	10	6	-	4	-
Floor, wall, or pipeless furnace.....	78	74	38	20	16	-	4	4	-	-	-
Other means.....	720	631	391	184	46	10	89	69	15	5	-
None.....	5	5	-	-	5	-	-	-	-	-	-
Renter occupied housing units	14 859	14 028	7 522	5 640	699	167	831	228	541	13	49
PERSONS											
1 person.....	4 885	4 184	3 860	324	-	-	701	197	504	-	-
2 persons.....	4 200	4 146	3 140	979	-	-	54	26	18	-	10
3 persons.....	2 461	2 436	467	1 954	15	27	25	5	14	-	6
4 persons.....	1 540	1 530	38	1 420	72	-	10	-	5	-	5
5 persons.....	871	871	17	723	121	10	-	-	-	-	28
6 persons or more.....	902	861	-	240	491	130	-	-	-	13	-
Median.....	2.1	2.2	1.5	3.3	6.0	7.4	4.1	1.1	1.0	...	...
Units with roomers, boarders, or lodgers.....	261	258	96	132	13	17	3	3	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970.....	292	270	168	94	-	8	22	7	15	-	-
1965 to 1968.....	385	377	202	169	6	-	8	8	-	-	-
1960 to 1964.....	454	447	288	150	9	-	7	7	-	-	-
1950 to 1959.....	616	610	248	239	103	20	6	-	6	-	-
1940 to 1949.....	747	719	326	326	37	30	28	13	15	-	-
1939 or earlier.....	12 375	11 643	6 333	4 681	511	118	732	193	502	16	21
INCOME IN 1969											
Less than \$2,000.....	2 682	2 371	1 953	382	36	-	311	83	228	-	-
\$2,000 to \$2,999.....	1 200	1 104	787	285	23	9	96	33	63	-	-
\$3,000 to \$3,999.....	1 205	1 075	691	344	22	18	130	40	77	-	13
\$4,000 to \$4,999.....	1 225	1 149	722	356	50	21	76	16	60	-	13
\$5,000 to \$5,999.....	1 285	1 221	620	524	36	41	64	17	34	-	13
\$6,000 to \$6,999.....	1 120	1 058	527	452	70	9	64	12	45	-	5
\$7,000 to \$9,999.....	3 019	2 967	1 130	1 589	202	46	52	27	18	3	5
\$10,000 to \$14,999.....	2 369	2 339	948	1 296	187	8	30	-	11	5	4
\$15,000 to \$24,999.....	664	659	217	364	73	5	5	-	5	-	14
\$25,000 or more.....	90	85	27	48	-	10	5	-	5	-	-
Median.....	\$5 900	\$6 100	\$4 500	\$7 900	\$8 700	\$5 900	\$3 100	\$2 900	\$2 700	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	14 785	13 960	7 487	5 615	691	167	825	222	541	13	49
Less than 10 percent.....	1 429	1 319	483	703	108	25	110	12	83	10	5
10 to 14 percent.....	3 188	3 036	1 246	1 541	212	37	152	32	103	3	17
15 to 19 percent.....	2 555	2 455	1 052	1 231	150	22	100	28	69	-	3
20 to 24 percent.....	1 561	1 465	798	551	72	44	96	41	49	-	6
25 to 34 percent.....	1 949	1 875	1 087	708	65	15	74	17	43	-	14
35 percent or more.....	3 405	3 148	2 391	678	63	16	257	80	177	-	7
Not computed.....	698	662	430	203	21	8	36	12	17	-	-
HEATING EQUIPMENT											
Steam or hot water.....	7 611	6 956	3 954	2 741	208	53	655	128	504	-	23
Warm-air furnace.....	1 831	1 783	697	834	202	50	48	16	15	3	14
Built-in electric units.....	383	383	194	185	4	-	-	-	-	-	-
Floor, wall, or pipeless furnace.....	67	67	16	38	13	-	-	-	-	-	-
Other means.....	4 824	4 696	2 565	1 807	260	64	128	84	22	10	12
None.....	143	143	96	35	12	-	-	-	-	-	-

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table A-5. Rooms in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	19 420	27	38	385	2 766	5 752	5 402	2 552	2 498	5.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	19 092	14	43	351	2 682	5 677	5 218	2 477	2 630	5.6
PERSONS										
1 person	2 141	17	22	140	481	674	451	152	204	5.1
2 persons	5 617	5	5	209	1 358	1 728	1 288	574	450	5.2
3 persons	3 310	—	—	14	482	1 054	959	470	331	5.6
4 persons	3 200	5	11	13	252	1 082	1 012	451	374	5.7
5 persons	2 315	—	—	5	113	688	841	336	332	5.9
6 persons or more	2 837	—	—	4	80	526	851	569	807	6.5
Median	3.1	...	...	1.8	2.2	2.9	3.5	3.7	4.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	19 238	16	38	340	2 727	5 713	5 385	2 539	2 480	5.6
0.50 or less	9 636	—	22	117	1 813	2 369	2 686	1 183	1 446	5.7
0.51 to 1.00	8 200	6	5	205	730	2 818	2 299	1 202	935	5.6
1.01 to 1.50	1 254	—	—	9	151	459	391	149	95	5.5
1.51 or more	148	10	11	—	33	67	9	5	4	4.7
Lacking some or all plumbing facilities	182	11	—	45	39	39	17	13	18	4.4
0.50 or less	125	—	—	23	26	33	12	13	18	4.9
0.51 to 1.00	44	11	—	18	4	6	5	—	—	...
1.01 to 1.50	13	—	—	4	—	—	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	...
BEDROOMS										
None and 1	983	22	26	301	499	68	23	—	44	3.8
2	6 309	—	—	72	2 058	2 721	1 149	289	20	4.9
3	8 416	—	—	—	180	2 895	3 568	1 426	347	5.8
4 or more	3 761	—	—	—	—	36	1 009	956	1 760	7.4
YEAR STRUCTURE BUILT										
1969 to March 1970	438	—	—	14	108	135	76	59	46	5.2
1960 to 1968	3 599	—	6	36	499	1 278	891	500	389	5.5
1950 to 1959	4 459	—	6	104	795	1 442	1 402	413	297	5.4
1949 or earlier	10 924	27	26	231	1 364	2 897	3 033	1 580	1 766	5.8
COMPLETE BATHROOMS										
1 and 1 1/2	16 284	8	35	337	2 576	5 419	4 598	1 798	1 513	5.5
2 or more	2 808	6	8	14	106	258	620	679	1 117	7.1
None or also used by another household	318	13	—	50	77	90	52	24	12	4.7
VALUE-INCOME RATIO										
Specified owner occupied ¹	14 682	16	11	210	1 806	3 973	4 277	2 225	2 144	5.8
Less than 1.5	5 305	5	—	77	685	1 421	1 571	784	762	5.8
1.5 to 1.9	3 401	—	6	33	361	971	1 024	574	432	5.8
2.0 to 2.9	2 885	—	—	25	332	865	864	382	417	5.8
3.0 or more	2 963	11	5	62	395	704	779	475	532	5.9
Not computed	128	—	—	13	33	12	39	10	21	5.7
Renter occupied housing units	14 859	871	988	2 659	3 854	4 157	1 804	291	235	4.3
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	13 848	247	770	2 525	3 973	4 071	1 791	248	223	4.4
PERSONS										
1 person	4 885	828	822	1 508	976	553	147	34	17	3.0
2 persons	4 200	37	146	851	1 429	1 243	390	74	30	4.2
3 persons	2 461	6	15	197	823	948	402	48	22	4.7
4 persons	1 540	—	5	72	408	623	333	61	38	5.0
5 persons	871	—	—	10	121	421	259	21	39	5.2
6 persons or more	902	—	—	21	97	369	273	53	89	5.4
Median	2.1	1.0	1.1	1.4	2.2	2.8	3.4	3.3	4.8	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	14 028	351	877	2 609	3 805	4 091	1 774	286	235	4.3
0.50 or less	7 522	—	725	1 472	2 375	1 758	917	151	124	4.2
0.51 to 1.00	5 640	324	137	1 034	1 226	1 988	713	117	101	4.5
1.01 to 1.50	699	—	15	72	171	291	126	14	10	4.8
1.51 or more	167	27	—	31	33	54	18	5	—	4.3
Lacking some or all plumbing facilities	831	520	111	50	30	38	22	5	—	1.3
0.50 or less	228	—	97	36	30	38	22	5	—	3.0
0.51 to 1.00	541	504	9	14	5	4	5	—	—	1.0
1.01 to 1.50	13	—	—	—	—	—	—	—	—	...
1.51 or more	49	16	5	—	14	—	3	—	—	...
BEDROOMS										
None	1 005	961	22	22	—	—	—	—	—	1.0
1	4 396	—	1 133	2 337	643	239	44	—	19	3.0
2	5 369	—	—	340	2 565	2 105	340	—	—	4.4
3 or more	4 033	—	—	—	46	1 980	1 386	389	232	5.5
YEAR STRUCTURE BUILT										
1969 to March 1970	302	57	101	47	28	44	21	—	4	2.4
1960 to 1968	817	35	54	290	238	156	31	8	5	3.6
1950 to 1959	632	—	34	104	226	158	84	21	5	4.3
1949 or earlier	13 108	779	799	2 218	3 362	3 799	1 668	262	221	4.3
COMPLETE BATHROOMS										
1 and 1 1/2	13 807	324	784	2 513	3 955	4 058	1 780	233	160	4.3
2 or more	161	15	—	12	25	13	18	15	63	6.4
None or also used by another household	901	537	143	82	40	64	24	5	6	1.3
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	14 785	871	981	2 653	3 847	4 130	1 792	279	232	4.3
Less than 10 percent	1 429	112	55	154	397	401	265	26	19	4.5
10 to 14 percent	3 188	155	155	367	765	1 093	509	82	62	4.6
15 to 19 percent	2 555	94	146	389	682	756	405	49	34	4.5
20 to 24 percent	1 561	58	102	308	387	484	179	28	15	4.3
25 to 34 percent	1 949	84	163	452	531	487	186	24	22	4.0
35 percent or more	3 405	313	317	866	946	753	134	40	36	3.7
Not computed	698	55	43	117	139	156	114	30	44	4.5

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table A-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	19 420	15 340	3 770	310	14 859	1 131	3 362	4 377	3 393	1 340	1 209	47
ROOMS												
1 room	27	16	11	-	871	20	11	51	77	276	436	-
2 rooms	38	14	21	3	988	30	28	137	243	182	362	6
3 rooms	385	229	104	52	2 659	140	380	642	839	391	257	10
4 rooms	2 766	1 869	744	153	3 854	191	1 116	1 087	1 089	287	87	17
5 rooms	5 752	4 140	1 534	78	4 157	260	1 293	1 523	847	161	59	14
6 rooms	5 402	4 380	1 002	20	1 804	236	434	829	273	24	8	-
7 rooms	2 552	2 328	220	4	291	124	43	88	21	15	-	-
8 rooms or more	2 498	2 364	134	-	235	130	57	40	4	4	-	-
Median	5.6	5.8	5.2	4.2	4.3	5.2	4.6	4.7	4.0	3.0	2.0	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	19 238	15 181	3 751	306	14 028	1 097	3 335	4 295	3 293	1 148	813	47
0.50 or less	9 636	7 394	2 075	167	7 522	531	1 897	2 208	1 756	559	547	24
0.51 to 1.00	8 200	6 730	1 335	135	5 640	485	1 280	1 856	1 257	487	252	23
1.01 to 1.50	1 254	947	303	4	699	77	131	192	222	69	8	-
1.51 or more	148	110	38	-	167	4	27	39	58	33	6	-
Lacking some or all plumbing facilities	182	159	19	4	831	34	27	82	100	192	396	-
0.50 or less	125	112	13	-	228	27	18	39	47	29	68	-
0.51 to 1.00	44	34	6	4	541	-	9	16	34	158	324	-
1.01 to 1.50	13	13	-	-	13	-	-	13	-	-	-	-
1.51 or more	-	-	-	-	49	7	-	14	19	5	4	-
BEDROOMS												
None	48	-	48	-	1 005	-	23	46	122	290	524	-
1	935	512	381	42	4 396	222	716	894	1 095	801	637	31
2	6 309	4 488	1 588	233	5 369	407	1 700	1 818	1 145	121	178	-
3	8 416	6 729	1 624	63	3 353	362	915	1 232	639	186	19	-
4 or more	3 761	3 593	168	-	680	303	111	145	69	37	15	-
YEAR STRUCTURE BUILT												
1969 to March 1970	438	382	5	51	302	32	27	50	19	5	163	6
1965 to 1968	1 575	1 472	10	93	392	36	137	32	61	31	82	13
1960 to 1964	2 024	1 875	57	92	425	87	68	77	92	18	65	18
1950 to 1959	4 459	4 268	133	58	632	208	139	34	221	14	6	10
1940 to 1949	1 858	1 640	202	16	731	105	314	36	75	195	6	-
1939 or earlier	9 066	5 703	3 363	-	12 377	663	2 677	4 148	2 925	1 077	887	-
INCOME IN 1969												
Less than \$2,000	1 520	997	474	49	2 682	133	446	624	614	384	481	-
\$2,000 to \$2,999	780	577	186	17	1 200	39	241	267	307	159	175	12
\$3,000 to \$3,999	641	440	177	24	1 205	53	186	330	340	169	127	-
\$4,000 to \$4,999	610	410	182	18	1 225	80	228	337	350	150	80	-
\$5,000 to \$5,999	863	686	166	11	1 285	81	284	418	291	138	73	-
\$6,000 to \$6,999	898	639	243	16	1 120	60	229	408	234	111	78	-
\$7,000 to \$9,999	4 057	3 047	936	74	3 019	251	843	1 025	641	126	110	23
\$10,000 to \$14,999	6 140	5 065	995	80	2 369	313	699	735	469	82	64	7
\$15,000 to \$24,999	3 079	2 680	378	21	664	94	192	217	124	15	17	5
\$25,000 or more	832	799	33	-	90	27	14	16	23	6	4	-
Median	\$10 300	\$10 900	\$8 500	\$7 800	\$5 900	\$8 400	\$7 200	\$6 500	\$5 300	\$3 800	\$2 700	...
YEAR MOVED INTO UNIT												
1969 to March 1970	1 499	1 231	185	83	4 237	293	920	1 112	953	402	533	24
1968	1 190	1 028	122	40	1 906	133	414	628	435	143	129	24
1967	988	829	109	50	1 209	82	230	418	323	81	69	6
1965 and 1966	2 028	1 690	304	34	1 820	109	367	541	488	186	109	-
1960 to 1964	3 706	3 134	504	68	2 292	181	529	725	519	191	147	-
1950 to 1959	5 087	4 200	847	40	1 794	180	406	549	420	148	91	-
1949 or earlier	4 912	3 195	1 717	-	1 611	85	438	485	333	173	97	-
GROSS RENT												
Specified renter occupied ¹	...	...	...	...	14 785	1 057	3 362	4 377	3 393	1 340	1 209	47
Less than \$50	...	...	...	...	1 252	41	77	206	203	265	460	-
\$50 to \$59	...	...	...	...	737	19	99	220	176	136	87	-
\$60 to \$69	...	...	...	...	1 344	32	209	373	392	215	123	-
\$70 to \$79	...	...	...	...	1 418	25	274	493	398	99	119	10
\$80 to \$99	...	...	...	...	3 534	87	647	1 324	1 040	301	135	-
\$100 to \$119	...	...	...	...	2 786	152	829	862	695	167	81	-
\$120 to \$149	...	...	...	...	2 008	174	683	612	354	86	74	25
\$150 to \$199	...	...	...	...	962	217	317	206	88	30	92	12
\$200 to \$299	...	...	...	...	217	70	78	40	5	9	15	-
\$300 or more	...	...	...	...	21	21	-	-	-	-	-	-
No cash rent	...	...	...	...	506	219	149	41	42	32	23	-
Median	...	...	...	...	\$93	\$131	\$107	\$93	\$90	\$74	\$64	...
HEATING EQUIPMENT												
Steam or hot water	13 158	10 393	2 756	9	7 611	615	1 948	1 672	1 457	854	1 065	-
Warm-air furnace	4 808	3 916	595	297	1 831	358	533	324	340	212	27	37
Built-in electric units	651	623	28	-	383	46	103	55	98	25	56	-
Floor, wall, or pipeless furnace	78	63	15	-	67	-	-	34	13	20	-	-
Other means	720	345	371	4	4 824	107	765	2 237	1 420	224	61	10
None	5	-	5	-	143	5	13	55	65	5	-	-
AIR CONDITIONING												
Room unit(s)	2 529	2 061	432	36	1 032	105	296	277	136	62	148	8
Central system	149	137	12	-	51	13	20	7	4	7	-	-
None	16 732	13 109	3 344	279	13 786	945	3 008	4 174	3 331	1 255	1 027	46
AUTOMOBILES AVAILABLE												
1	10 772	8 190	2 347	235	7 888	671	2 074	2 561	1 772	491	293	26
2	5 838	5 126	644	68	1 303	216	450	379	168	59	15	16
3 or more	953	817	136	-	145	26	28	37	14	6	54	-
None	1 847	1 174	661	12	5 513	150	772	1 481	1 517	768	813	12

¹Excludes one-family homes on 10 acres or more.

Table A-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	19 420	242	2 280	3 793	6 829	1 919	555	167	1 098	396	865	1 276
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	19 238	242	2 280	3 782	6 781	1 897	539	167	1 091	396	831	1 232
0.50 or less	9 636	89	399	588	3 456	1 660	286	127	651	323	831	1 226
0.51 to 1.00	8 200	148	1 635	2 479	2 979	228	222	40	398	65	-	6
1.01 to 1.50	1 254	-	222	655	304	5	26	-	34	8	-	-
1.51 or more	148	5	24	60	4	4	5	-	8	-	-	-
Lacking some or all plumbing facilities	182	-	-	11	48	22	16	-	7	-	34	44
0.50 or less	125	-	-	-	17	22	12	-	7	-	23	44
0.51 to 1.00	44	-	-	6	27	-	-	-	-	-	11	-
1.01 to 1.50	13	-	-	5	4	-	4	-	-	-	-	-
1.51 or more	-	-	-	-	-	-	-	-	-	-	-	-
UNITS IN STRUCTURE												
1	15 340	155	1 864	3 271	5 497	1 380	428	130	872	280	634	829
2 or more	3 770	57	383	513	1 250	473	120	37	203	108	201	425
Mobile home or trailer	310	30	33	9	82	66	7	-	23	8	30	22
INCOME IN 1969												
Less than \$2,000	1 520	4	19	25	74	243	20	19	138	79	134	765
\$2,000 to \$2,999	780	4	10	16	85	302	9	15	36	49	72	182
\$3,000 to \$3,999	641	-	-	19	49	205	5	19	65	21	142	116
\$4,000 to \$4,999	610	5	11	30	69	176	28	-	110	22	102	57
\$5,000 to \$5,999	863	10	57	80	270	160	42	11	102	23	70	38
\$6,000 to \$6,999	898	9	79	103	317	105	14	11	89	44	98	29
\$7,000 to \$9,999	4 057	121	685	850	1 406	323	126	26	264	55	160	41
\$10,000 to \$14,999	6 140	72	1 069	1 657	2 469	248	209	42	222	65	56	31
\$15,000 to \$24,999	3 079	12	303	835	1 613	105	83	15	54	34	19	6
\$25,000 or more	832	5	47	178	477	52	19	9	18	4	12	11
Median	\$10 300	\$9 200	\$11 300	\$12 300	\$12 300	\$5 200	\$10 800	\$8 000	\$7 100	\$6 100	\$4 800	\$2000-
VALUE-INCOME RATIO												
Specified owner occupied ¹	14 682	150	1 834	3 136	5 249	1 309	410	115	836	271	589	783
Less than 1.5	5 305	30	537	1 324	2 657	204	163	25	167	71	73	34
1.5 to 1.9	3 401	39	620	898	1 249	176	92	25	162	25	90	25
2.0 to 2.4	1 919	15	394	448	590	155	58	4	101	34	86	34
2.5 to 2.9	966	41	169	207	235	174	33	19	59	9	55	25
3.0 to 3.9	973	12	38	153	240	218	15	5	94	34	112	52
4.0 or more	1 990	9	76	101	260	442	49	32	208	98	152	563
Not computed	128	4	-	5	18	-	-	5	25	-	21	50
Renter occupied housing units	14 859	1 335	2 102	1 108	2 132	1 069	446	129	1 306	353	2 416	2 469
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	14 028	1 325	2 078	1 087	2 112	1 051	437	125	1 284	345	2 000	2 184
0.50 or less	7 522	428	425	141	958	666	208	73	502	259	1 843	2 017
0.51 to 1.00	5 640	842	1 411	685	1 003	367	199	52	671	86	157	167
1.01 to 1.50	699	49	203	218	123	26	15	-	91	-	-	-
1.51 or more	167	6	39	43	28	16	15	-	20	-	-	-
Lacking some or all plumbing facilities	831	10	24	21	20	18	9	4	16	8	416	285
0.50 or less	228	-	-	4	4	10	5	4	5	3	114	83
0.51 to 1.00	541	10	5	-	3	8	-	-	5	5	302	202
1.01 to 1.50	13	-	-	10	-	-	-	-	-	-	-	-
1.51 or more	49	-	19	7	13	-	4	-	6	-	-	-
UNITS IN STRUCTURE												
1	1 131	74	225	122	212	118	50	8	74	32	159	59
2 to 4	7 739	808	1 327	652	1 318	627	199	101	678	187	863	979
5 to 19	4 733	453	503	283	564	283	160	22	525	120	883	937
20 or more	1 209	-	30	38	38	41	31	-	17	14	506	494
Mobile home or trailer	47	-	17	13	-	-	6	-	6	-	5	-
GROSS RENT												
Specified renter occupied ²	14 785	1 328	2 095	1 097	2 116	1 063	446	129	1 297	347	2 398	2 469
Less than \$50	1 252	22	25	21	30	68	13	-	24	15	374	640
\$50 to \$59	737	26	9	31	42	51	16	4	50	19	222	267
\$60 to \$69	1 344	48	61	46	111	102	54	20	173	26	318	385
\$70 to \$79	1 418	103	163	77	188	188	50	16	311	54	245	217
\$80 to \$99	3 534	299	475	266	665	318	78	31	290	49	299	137
\$100 to \$119	2 786	420	561	276	512	109	98	35	223	38	177	125
\$120 to \$149	2 008	294	471	222	318	71	64	5	60	26	151	85
\$150 to \$199	962	70	203	92	141	86	36	12	18	6	34	6
\$200 to \$299	217	21	56	24	27	10	21	-	-	-	-	-
\$300 or more	21	4	9	8	-	-	-	-	-	-	54	125
No cash rent	506	21	62	34	82	60	16	6	31	15	-	-
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	14 785	1 328	2 095	1 097	2 116	1 063	446	129	1 297	347	2 398	2 469
Less than \$5,000	6 294	283	140	98	244	650	138	64	714	185	1 507	2 271
Less than 20 percent	570	13	14	31	40	40	10	6	38	5	196	177
20 to 24 percent	643	46	27	16	29	93	10	4	43	15	232	128
25 to 34 percent	1 351	104	23	30	70	201	26	9	244	26	314	304
35 percent or more	3 257	106	70	17	93	273	73	39	326	129	632	1 499
Not computed	473	14	6	4	12	43	19	6	63	10	133	185
\$5,000 to \$9,999	5 402	710	1 204	492	953	329	193	60	474	111	691	145
Less than 20 percent	3 703	478	820	334	705	211	122	38	274	76	500	100
20 to 24 percent	836	119	154	99	149	66	29	12	95	13	100	-
25 to 34 percent	571	90	140	42	56	21	22	4	100	4	69	23
35 percent or more	144	12	41	5	14	15	11	6	5	13	11	11
Not computed	148	11	49	12	29	16	75	-	79	5	146	13
\$10,000 to \$14,999	2 338	310	576	372	656	60	58	-	75	51	129	7
Less than 20 percent	2 178	293	542	352	621	50	58	-	75	51	129	7
20 to 24 percent	78	17	15	4	4	5	11	-	4	-	12	6
25 percent or more	31	-	12	8	-	-	6	-	-	-	5	-
Not computed	51	-	7	8	31	5	-	-	-	-	-	-
\$15,000 or more	751	25	175	135	263	24	40	5	30	-	54	-
Less than 20 percent	721	4	175	125	243	24	40	5	30	-	54	-
20 to 24 percent	4	-	-	-	4	-	-	-	-	-	-	-
25 percent or more	-	-	-	-	-	-	-	-	-	-	-	-
Not computed	26	-	-	10	16	-	-	-	-	-	-	-

¹Limited to one-family homes on less than 10 acres and no business on property. ²Excludes one-family homes on 10 acres or more.

Table A-8. Persons in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	19 420	2 141	5 617	3 310	3 200	2 315	1 499	764	574	3.1
BEDROOMS										
None and 1	983	389	574	20	-	-	-	-	-	1.7
2	6 309	1 013	2 811	1 419	647	325	73	-	21	2.3
3	8 416	510	1 675	1 485	2 147	1 441	879	151	128	3.8
4 or more	3 761	250	448	579	405	656	608	505	310	4.8
YEAR STRUCTURE BUILT										
1969 to March 1970	438	4	136	107	107	45	29	10	-	3.2
1965 to 1968	1 575	83	292	296	385	315	112	68	24	3.8
1960 to 1964	2 024	115	416	344	502	310	185	116	36	3.8
1950 to 1959	4 459	347	1 284	786	772	613	376	173	108	3.3
1940 to 1949	1 858	164	622	324	302	210	119	50	67	2.9
1939 or earlier	9 066	1 428	2 867	1 453	1 132	822	678	347	339	2.7
UNITS IN STRUCTURE										
1	15 340	1 463	4 216	2 642	2 628	1 991	1 234	667	499	3.3
2 or more	3 770	626	1 264	608	520	319	265	97	71	2.5
Mobile home or trailer	310	52	137	60	52	5	-	-	4	2.3
COMPLETE BATHROOMS										
1 and 1 1/2	16 284	1 838	4 960	2 851	2 686	1 841	1 136	529	443	3.0
2 and 2 1/2	2 512	156	504	339	407	420	294	213	179	4.1
3 or more	296	37	49	32	64	47	30	37	-	4.0
None or also used by another household	318	95	131	11	27	15	19	13	7	2.0
HOUSEHOLD COMPOSITION										
Two-or-more-person households	17 279	...	5 617	3 310	3 200	2 315	1 499	764	574	3.4
Male head, wife present, no nonrelatives	15 063	...	4 509	2 861	2 845	2 170	1 410	720	548	3.8
Under 25 years	242	...	62	113	54	13	-	-	-	3.0
25 to 34 years	2 280	...	194	308	780	536	310	79	73	4.3
35 to 44 years	3 793	...	235	401	777	865	741	478	296	5.1
45 to 64 years	6 829	...	2 542	1 716	1 176	716	346	154	179	3.0
65 years and over	1 919	...	1 476	323	58	40	13	9	-	2.2
Other male head	722	...	337	164	98	59	28	23	13	2.6
Under 65 years	555	...	234	120	87	55	23	23	13	2.9
65 years and over	167	...	103	44	11	4	5	-	-	2.3
Female head	1 494	...	771	285	257	86	61	21	13	2.5
Under 65 years	1 098	...	513	221	222	63	49	21	9	2.7
65 years and over	396	...	258	64	35	23	12	-	4	2.3
One-person households	2 141	2 141	...	...	...	...	...	...	...	1.6
VALUE-INCOME RATIO										
Specified owner occupied ¹	14 682	1 372	4 014	2 505	2 528	1 954	1 184	639	486	3.1
Less than 1.5	5 305	107	1 147	1 107	980	815	580	297	272	3.8
1.5 to 1.9	3 401	115	816	684	745	459	287	167	128	3.6
2.0 to 2.4	1 919	120	553	274	357	310	169	81	55	3.5
2.5 to 2.9	966	80	257	140	221	158	45	47	18	3.5
3.0 to 3.9	973	164	411	93	93	99	49	34	8	2.3
4.0 or more	1 990	715	801	171	123	113	49	13	5	1.8
Not computed	128	71	29	14	9	-	5	-	-	1.4
Renter occupied housing units	14 859	4 885	4 200	2 461	1 540	871	437	271	194	2.1
BEDROOMS										
None	1 005	959	19	27	-	-	-	-	-	1.0
1	4 396	2 565	1 520	174	137	-	-	-	-	1.4
2	5 369	1 031	2 034	1 262	767	137	85	36	17	2.3
3 or more	4 033	255	729	773	630	721	399	245	281	3.9
YEAR STRUCTURE BUILT										
1969 to March 1970	302	188	51	17	25	17	-	4	-	1.3
1965 to 1968	392	142	141	61	24	12	-	5	7	1.9
1960 to 1964	425	231	105	46	25	18	-	-	-	1.4
1950 to 1959	632	126	166	81	91	54	42	21	51	2.6
1940 to 1949	731	159	182	168	110	44	31	14	23	2.6
1939 or earlier	12 377	4 039	3 555	2 088	1 265	726	364	227	113	2.1
UNITS IN STRUCTURE										
1	1 131	218	304	196	135	122	74	58	24	2.7
2	3 362	727	1 198	677	371	250	69	51	19	2.3
3 and 4	4 377	1 115	1 229	892	566	299	148	83	45	2.4
5 to 9	3 393	1 115	982	537	355	162	113	57	72	2.1
10 to 19	1 340	705	329	109	89	27	25	22	34	1.5
20 or more	1 209	1 000	133	40	24	4	8	-	-	1.1
Mobile home or trailer	47	5	25	10	-	7	-	-	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	13 807	4 089	4 060	2 497	1 501	865	423	256	116	2.2
2 or more	161	35	52	16	29	5	-	5	19	2.4
None or also used by another household	901	773	65	28	13	-	6	13	3	1.1
HOUSEHOLD COMPOSITION										
Two-or-more-person households	9 974	...	4 200	2 461	1 540	871	437	271	194	2.8
Male head, wife present, no nonrelatives	7 746	...	2 979	1 948	1 268	775	363	240	173	3.0
Under 25 years	1 335	...	565	547	172	35	7	9	-	2.7
25 to 34 years	2 102	...	449	548	342	107	75	45	45	3.6
35 to 44 years	1 108	...	136	188	199	248	159	105	73	4.6
45 to 64 years	2 132	...	938	541	336	140	76	46	55	2.7
65 years and over	1 069	...	891	124	25	10	14	5	-	2.1
Other male head	575	...	347	137	37	30	8	11	5	2.3
Under 65 years	446	...	268	95	32	27	8	11	5	2.3
65 years and over	129	...	79	42	5	3	-	-	-	2.3
Female head	1 653	...	874	376	235	66	66	20	16	2.4
Under 65 years	1 300	...	571	330	231	66	66	20	16	2.7
65 years and over	353	...	303	46	4	-	-	-	-	2.1
One-person households	4 885	4 885	...	...	...	...	...	...	...	1.6
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	14 783	4 867	4 181	2 446	1 534	860	437	266	194	3.1
Less than 10 percent	1 429	209	406	320	233	130	47	50	34	2.8
10 to 14 percent	3 188	466	1 071	694	414	264	161	72	46	2.6
15 to 19 percent	2 555	533	706	566	362	211	96	49	32	2.6
20 to 24 percent	1 561	478	436	281	174	80	46	32	34	2.2
25 to 34 percent	1 949	715	607	291	153	99	27	35	22	1.9
35 percent or more	3 405	2 153	782	216	132	46	42	15	19	1.3
Not computed	698	313	173	78	66	30	18	13	7	1.7

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table A-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	117	34	49	34	Vacant for rent	838	647	87	104
ROOMS					ROOMS				
1 to 3 rooms	14	4	—	10	1 room	99	80	3	16
4 rooms	9	—	4	5	2 rooms	86	71	12	3
5 rooms	49	18	23	8	3 rooms	276	218	18	40
6 rooms	7	4	3	—	4 rooms	201	157	25	19
7 rooms or more	38	8	19	11	5 rooms	120	90	12	18
PLUMBING FACILITIES					6 rooms	35	17	14	4
With all plumbing facilities	105	34	43	28	7 rooms or more	21	14	3	4
Lacking some or all plumbing facilities	12	—	6	6	PLUMBING FACILITIES				
BEDROOMS					With all plumbing facilities	779	604	87	88
None and 1	—	—	—	—	Lacking some or all plumbing facilities	59	43	—	16
2	34	—	17	17	BEDROOMS				
3	53	16	18	19	None	98	65	14	19
4 or more	48	48	—	—	1	364	288	30	46
YEAR STRUCTURE BUILT					2	268	179	45	44
1969 to March 1970	18	10	8	—	3 or more	118	89	—	29
1960 to 1968	22	15	—	7	YEAR STRUCTURE BUILT				
1950 to 1959	7	—	3	4	1969 to March 1970	59	53	6	—
1949 or earlier	70	9	38	23	1960 to 1968	37	37	—	—
UNITS IN STRUCTURE					1950 to 1959	35	28	7	—
1	104	34	40	30	1949 or earlier	707	529	74	104
2 or more	13	—	9	4	UNITS IN STRUCTURE				
HEATING EQUIPMENT					1	53	33	3	17
Steam or hot water	67	20	27	20	2 to 4	304	258	33	13
Warm-air furnace	36	8	14	14	5 to 9	219	126	39	54
Built-in electric units	14	6	8	—	10 to 19	175	149	6	20
Floor, wall, or pipeless furnace	—	—	—	—	20 or more	87	81	6	—
Other means	—	—	—	—	RENT ASKED				
None	—	—	—	—	Specified vacant for rent?	838	647	87	104
SALES PRICE ASKED					Less than \$50	249	202	20	27
Specified vacant for sale ¹	100	34	40	26	\$50 to \$59	73	60	7	6
Less than \$5,000	10	—	—	10	\$60 to \$79	168	133	10	25
\$5,000 to \$9,999	4	—	4	—	\$80 to \$99	124	84	28	12
\$10,000 to \$14,999	34	13	12	9	\$100 to \$119	98	67	12	19
\$15,000 to \$19,999	19	—	19	—	\$120 to \$149	80	65	7	8
\$20,000 to \$24,999	12	12	—	—	\$150 to \$199	24	17	—	7
\$25,000 to \$34,999	9	9	—	—	\$200 or more	22	19	3	—
\$35,000 to \$49,999	7	—	—	7	Median rent asked	\$72	\$69	...	\$75
\$50,000 or more	5	—	5	—					
Median price asked	\$15 500	...	...	...		

¹Limited to one-family homes on less than 10 acres and no business on property. ²Excludes one-family homes on 10 acres or more.

Table A-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

The SMSA	Sales price asked—Vacant for sale ¹							Rent asked—Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	100	14	34	19	12	9	12	838	322	168	124	178	24	22
PLUMBING FACILITIES														
With all plumbing facilities	100	—	34	—	31	16	19	803	224	240	136	164	19	20
Lacking some or all plumbing facilities	18	—	—	18	—	—	—	45	45	—	—	—	—	—
BEDROOMS														
None and 1	—	—	—	—	—	—	—	462	180	106	61	76	19	20
2	17	—	17	—	—	—	—	268	60	74	60	74	—	—
3	53	—	—	18	—	16	19	89	15	60	—	14	—	—
4 or more	48	—	17	—	31	—	—	29	14	—	15	—	—	—
YEAR STRUCTURE BUILT														
1969 to March 1970	18	—	—	8	7	3	—	59	15	23	4	12	5	—
1960 to 1968	22	—	4	—	5	6	7	37	3	—	—	16	5	13
1950 to 1959	7	—	7	—	—	—	—	35	4	5	4	9	7	6
1949 or earlier	53	14	23	11	—	—	5	707	300	140	116	141	7	3
UNITS IN STRUCTURE														
1 .....	...	...	...	...	...	...	...	53	4	6	8	14	14	7
2 to 4 .....	...	...	...	...	...	...	...	304	109	40	52	90	10	3
5 to 9 .....	...	...	...	...	...	...	...	394	173	99	51	59	—	12
10 or more .....	...	...	...	...	...	...	...	87	36	23	13	15	—	—
INCLUSION OF UTILITIES IN RENT														
All utilities included .....	...	...	...	...	...	...	...	351	183	76	33	28	12	19
Some or no utilities included .....	...	...	...	...	...	...	...	487	139	92	91	150	12	3

¹Limited to one-family homes on less than 10 acres and no business on property. ²Excludes one-family homes on 10 acres or more.

Table B-1. Value of Owner Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Manchester	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied¹	10 908	80	231	500	1 047	1 709	3 998	1 764	1 068	396	115	17 200
ROOMS												
1 and 2 rooms	27	10	—	—	6	5	—	—	—	—	6	—
3 rooms	160	17	20	48	21	31	18	5	—	—	—	9 700
4 rooms	1 343	16	58	141	251	337	440	79	15	6	—	14 000
5 rooms	2 863	16	50	79	276	436	1 322	494	168	6	6	17 100
6 rooms	3 328	5	45	95	279	548	1 331	607	333	61	24	17 400
7 rooms	1 602	12	45	84	127	194	430	345	243	108	14	18 900
8 rooms or more	1 585	4	13	53	87	158	457	234	309	205	65	20 400
Median	5.8	...	5.3	5.3	5.4	5.6	5.7	6.0	6.6	7.5	7.5+	...
PERSONS												
1 person	1 080	38	57	108	212	163	233	201	33	29	6	14 400
2 persons	3 039	29	82	174	340	438	1 106	419	295	93	63	16 800
3 persons	1 841	4	48	62	135	295	760	254	205	60	18	17 200
4 persons	1 639	—	14	47	133	306	662	402	197	78	—	18 300
5 persons	1 420	—	21	49	93	222	563	214	160	87	11	18 000
6 persons or more	1 689	9	60	134	285	674	274	178	49	17	17	17 200
Median	3.2	...	2.2	2.3	2.4	3.4	3.4	3.5	3.5	3.7	2.3	...
Units with roomers, boarders, or lodgers	124	—	4	5	10	8	57	29	5	6	—	17 700
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	10 849	62	219	489	1 047	1 703	3 986	1 764	1 068	396	115	17 300
0.50 or less	5 274	48	146	274	612	752	1 750	789	545	272	86	17 000
0.51 to 1.00	4 802	5	73	165	352	802	1 896	857	512	115	25	17 700
1.01 to 1.50	696	5	—	40	71	134	313	109	11	9	4	16 200
1.51 or more	77	4	—	10	12	15	27	9	—	—	—	...
Lacking some or all plumbing facilities	59	18	12	11	—	6	12	—	—	—	—	...
0.50 or less	36	13	6	5	—	6	6	—	—	—	—	...
0.51 to 1.00	23	5	6	6	—	—	6	—	—	—	—	...
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	...
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	...
BEDROOMS												
None and 1	452	—	50	44	40	120	135	43	20	—	—	14 400
2	3 379	20	61	150	418	598	1 370	426	207	86	43	16 300
3	4 632	20	62	225	352	653	1 617	1 010	492	164	37	18 300
4 or more	2 482	—	43	40	183	410	902	306	316	181	101	18 200
YEAR STRUCTURE BUILT												
1969 to March 1970	174	—	—	5	6	—	89	30	44	—	—	19 400
1965 to 1968	759	—	—	—	15	38	287	145	181	82	11	21 400
1960 to 1964	1 238	—	5	23	25	98	485	345	190	48	19	19 800
1950 to 1959	3 203	10	5	57	190	547	1 310	581	326	138	39	17 900
1940 to 1949	1 355	11	47	67	184	302	419	177	111	29	8	15 800
1939 or earlier	4 179	59	174	348	627	724	1 408	486	216	99	38	15 400
COMPLETE BATHROOMS												
1 and 1 1/2	9 109	52	190	493	1 013	1 603	3 546	1 382	698	124	8	16 500
2 and 2 1/2	1 391	—	13	6	43	40	369	348	303	206	63	23 200
3 or more	172	—	—	—	6	7	14	9	68	49	19	32 400
None or also used by another household	166	34	37	21	13	14	36	4	—	7	—	8 900
HOUSEHOLD COMPOSITION												
Two-or-more-person households	9 828	42	174	392	835	1 546	3 765	1 563	1 035	367	109	17 400
Male head, wife present, no nonrelatives	8 595	38	143	319	725	1 347	3 287	1 398	929	323	86	17 500
Under 25 years	106	—	—	10	8	5	55	20	3	5	—	17 100
25 to 34 years	1 127	—	10	16	51	138	547	230	96	28	11	18 300
35 to 44 years	2 181	—	5	27	164	391	795	427	270	80	17	18 100
45 to 64 years	4 147	21	96	217	394	664	1 495	583	471	158	48	17 200
65 years and over	1 034	12	32	49	108	149	395	138	89	52	10	16 500
Other male head	401	—	9	30	34	64	159	45	26	24	10	16 500
Under 65 years	302	—	9	17	40	60	127	35	21	19	5	16 800
65 years and over	99	—	—	13	25	4	32	10	5	5	—	...
Female head	832	4	22	43	76	135	319	120	80	20	13	16 700
Under 65 years	640	4	8	25	47	95	285	100	61	10	5	17 000
65 years and over	192	—	14	18	29	40	34	20	19	10	8	14 700
One-person households	1 080	38	57	108	212	163	233	201	33	29	6	14 400
Under 65 years	471	23	41	21	81	99	97	87	11	11	—	14 300
65 years and over	609	15	16	87	131	64	136	114	22	18	6	14 700
INCOME IN 1969												
Less than \$2,000	726	20	28	96	155	70	201	95	42	9	10	14 800
\$2,000 to \$2,999	426	—	26	49	66	64	135	38	28	20	—	15 200
\$3,000 to \$3,999	302	6	22	25	55	51	95	31	11	6	—	14 600
\$4,000 to \$4,999	353	—	10	15	32	67	135	52	16	15	—	16 000
\$5,000 to \$5,999	495	5	10	16	73	56	165	80	15	19	10	16 000
\$6,000 to \$6,999	430	15	24	19	51	120	139	36	21	5	—	14 700
\$7,000 to \$9,999	2 221	22	53	69	247	436	877	323	139	46	9	16 500
\$10,000 to \$14,999	3 630	12	30	123	255	611	1 589	622	336	36	16	17 400
\$15,000 to \$24,999	1 799	—	22	42	91	218	624	385	306	86	25	19 200
\$25,000 or more	546	—	—	—	22	16	38	102	154	169	45	31 200
Median	\$10 700	...	\$6 600	\$6 200	\$8 100	\$9 900	\$10 800	\$11 800	\$13 900	\$21 600	\$20 000	...
YEAR MOVED INTO UNIT												
1969 to March 1970	639	—	—	27	7	51	292	151	99	6	6	19 200
1968	615	—	—	8	23	72	267	127	105	6	7	18 500
1967	568	—	—	7	11	53	280	109	83	19	—	19 000
1965 and 1966	1 099	—	6	18	93	179	347	158	174	101	11	18 000
1960 to 1964	2 349	—	32	90	135	386	898	467	261	69	11	17 600
1950 to 1959	3 425	20	54	172	432	597	1 263	486	232	144	25	16 500
1949 or earlier	2 143	66	130	198	374	326	618	245	115	41	30	14 800
HEATING EQUIPMENT												
Steam or hot water	7 961	37	108	280	676	1 154	3 005	1 501	814	314	72	17 800
Warm-air furnace	2 423	20	99	178	332	493	839	217	159	58	28	15 400
Built-in electric units	305	—	—	—	—	25	119	33	89	24	15	21 300
Floor, wall, or pipeless furnace	16	—	5	5	—	6	—	—	—	—	—	...
Other means	203	23	19	37	39	31	35	13	6	—	—	11 400
None	—	—	—	—	—	—	—	—	—	—	—	...
AIR CONDITIONING												
Room unit(s)	1 501	20	21	36	90	217	549	286	171	101	10	18 100
Central system	95	—	—	—	8	—	—	18	20	35	14	...
None	9 242	66	219	484	977	1 447	3 416	1 439	878	250	66	16 900

¹Limited to one-family homes on less than 10 acres and no business on property.

Table B-2. Gross Rent of Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Manchester	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied¹	14 071	1 240	693	1 328	1 386	3 493	2 611	1 857	858	166	4	435	92
ROOMS													
1 room	845	477	92	63	21	148	26	12	-	-	-	6	50-
2 rooms	951	181	114	227	105	163	73	49	7	6	-	26	67
3 rooms	2 535	327	200	263	274	583	439	244	129	9	-	67	86
4 rooms	3 614	167	128	361	466	999	765	439	189	20	-	80	93
5 rooms	3 917	48	116	335	370	1 090	783	666	337	60	-	112	99
6 rooms	1 750	25	43	62	133	443	412	377	138	32	-	85	106
7 rooms	252	11	-	11	11	40	82	51	22	5	-	19	111
8 rooms or more	207	4	-	6	6	27	31	19	36	34	4	40	135
Median	4.2	2.3	3.2	3.8	4.1	4.4	4.5	4.8	4.8	5.3	...	4.8	...
PERSONS													
1 person	4 702	1 022	463	692	456	979	416	258	220	23	-	173	72
2 persons	3 993	149	125	307	525	1 159	748	591	238	19	-	132	94
3 persons	2 323	31	41	140	211	612	637	420	143	33	-	55	103
4 persons	1 425	20	19	92	89	365	409	242	129	38	-	22	106
5 persons	793	-	15	34	50	191	212	174	66	29	-	22	109
6 persons or more	835	18	30	63	55	187	189	172	62	24	4	31	105
Median	2.1	1.1	1.2	1.5	2.0	2.2	2.7	2.7	2.4	3.7	...	1.8	...
Units with roomers, boarders, or lodgers	236	8	4	16	14	46	60	47	8	19	-	14	108
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities	13 264	789	590	1 227	1 336	3 451	2 578	1 841	853	166	4	429	94
0.50 or less	7 191	534	423	820	900	1 857	1 045	801	462	50	-	299	88
0.51 to 1.00	5 277	251	126	324	378	1 383	1 346	899	350	106	4	110	102
1.01 to 1.50	638	-	30	49	45	163	168	124	36	7	-	16	103
1.51 or more	158	4	11	34	13	48	19	17	5	3	-	4	85
Lacking some or all plumbing facilities	807	451	103	101	50	42	33	16	5	-	-	6	50-
0.50 or less	216	71	33	67	9	3	6	16	5	-	-	6	60
0.51 to 1.00	536	364	70	23	30	39	10	-	-	-	-	-	50-
1.01 to 1.50	13	5	-	5	-	-	3	-	-	-	-	-	...
1.51 or more	42	11	-	6	11	-	14	-	-	-	-	-	...
BEDROOMS													
None	959	532	80	56	29	208	-	29	-	-	-	25	50-
1	4 244	666	206	548	470	988	831	275	121	19	-	120	83
2	5 088	109	117	512	420	1 482	992	850	416	19	-	171	98
3 or more	3 826	28	55	156	383	910	888	713	317	199	-	177	107
YEAR STRUCTURE BUILT													
1969 to March 1970	280	135	37	15	5	10	11	15	9	27	-	16	50
1965 to 1968	343	10	-	-	5	4	15	73	187	32	-	17	165
1960 to 1964	361	113	28	22	6	15	28	52	71	11	-	15	93
1950 to 1959	511	32	18	92	33	57	94	73	63	6	-	43	100
1940 to 1949	701	64	27	84	21	115	78	193	72	13	-	34	106
1939 or earlier	11 875	886	583	1 115	1 316	3 292	2 385	1 451	456	77	4	310	91
ELEVATOR IN STRUCTURE													
4 floors or more	1 081	387	24	94	107	103	141	99	101	-	-	25	72
With elevator	529	226	-	51	69	25	44	45	45	-	-	25	65
Walk-up	552	161	24	43	38	78	97	55	56	-	-	-	81
1 to 3 floors	13 036	948	434	1 178	1 195	3 485	2 570	1 768	753	237	-	468	94
COMPLETE BATHROOMS													
1 and 1 1/2	13 053	739	646	1 212	1 372	3 389	2 516	1 812	857	137	5	368	94
2 or more	133	8	-	16	-	18	19	18	12	11	-	31	...
None or also used by another household	887	482	119	108	50	73	35	13	-	-	-	7	50-
INCOME IN 1969													
Less than \$2,000	2 596	629	250	369	228	569	178	117	86	16	-	154	69
\$2,000 to \$2,999	1 169	182	90	212	130	253	117	119	45	-	-	21	77
\$3,000 to \$3,999	1 173	161	93	165	175	268	155	91	39	-	-	26	79
\$4,000 to \$4,999	1 178	71	55	116	147	322	241	103	51	16	-	56	92
\$5,000 to \$5,999	1 236	66	86	100	112	311	283	176	65	9	-	28	95
\$6,000 to \$6,999	1 043	47	40	104	138	291	193	121	59	9	-	41	92
\$7,000 to \$9,999	2 803	67	71	139	257	845	657	523	140	48	-	56	100
\$10,000 to \$14,999	2 172	17	4	76	166	476	614	514	223	51	4	27	111
\$15,000 to \$24,999	619	-	4	33	28	140	158	89	124	17	-	26	112
\$25,000 or more	82	-	-	14	5	18	15	4	26	-	-	-	...
Median	\$5 800	\$2 000	\$3 100	\$3 500	\$5 100	\$6 100	\$7 600	\$8 200	\$8 800	\$9 100	...	\$4 300	...
YEAR MOVED INTO UNIT													
1969 to March 1970	3 961	382	173	260	281	753	807	763	376	80	-	86	102
1968	1 734	134	58	96	147	417	408	309	144	14	-	7	101
1967	1 177	70	57	117	79	297	276	189	59	22	5	6	98
1965 and 1966	1 715	115	97	182	161	510	323	209	85	7	-	26	90
1960 to 1964	2 212	227	130	263	248	646	331	184	127	11	-	45	87
1950 to 1959	1 864	170	125	241	319	440	283	98	56	14	-	118	81
1949 or earlier	1 410	131	125	192	172	417	142	91	22	-	-	118	81
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	1 386	185	69	194	224	376	239	47	52	-	-	...	81
10 to 14 percent	3 014	172	156	213	320	944	694	397	118	-	-	...	94
15 to 19 percent	2 416	136	69	147	236	574	561	500	168	25	-	...	102
20 to 24 percent	1 513	135	75	132	115	376	320	215	114	31	-	...	97
25 to 34 percent	1 862	198	92	190	186	357	378	301	109	51	-	...	93
35 percent or more	3 253	388	226	432	305	799	389	370	287	53	4	...	86
Not computed	627	26	6	20	-	67	30	27	10	6	-	435	94
AIR CONDITIONING													
Room unit(s)	973	19	36	59	86	169	190	126	186	35	-	67	109
Central system	51	-	-	-	-	14	6	14	7	-	-	10	...
None	13 049	1 210	729	1 277	1 336	3 297	2 374	1 703	676	113	5	329	91

¹Excludes one-family homes on 10 acres or more.

Table B-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

(Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

Manchester	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	14 709	1 200	604	493	533	653	685	3 163	4 574	2 218	586	10 000
ROOMS												
1 and 2 rooms	59	32	—	—	—	—	—	11	16	—	—	5 400
273	58	26	20	21	31	4	65	48	—	—	—	8 100
3 rooms	2 082	229	125	96	88	182	115	240	133	49	4	8 100
4 rooms	4 354	343	154	160	176	186	240	1 065	1 445	536	49	9 600
5 rooms	4 307	312	147	126	121	147	250	879	1 400	769	156	10 600
6 rooms	3 634	226	152	91	127	107	76	583	1 117	780	375	12 000
7 rooms or more												
PERSONS												
1 person	1 726	723	184	213	152	93	91	164	66	17	23	2 800
4 320	346	358	187	257	302	277	981	1 041	426	145	8 300	
2 persons	4 809	81	31	72	86	177	189	1 123	1 910	927	213	11 700
3 and 4 persons	1 728	39	25	10	15	26	55	396	743	350	69	12 000
5 persons	2 126	11	6	11	23	55	73	499	814	498	136	12 400
6 persons or more												
Units with roomers, boarders, or lodgers	184	32	9	—	11	19	9	43	46	9	6	7 800
BEDROOMS												
Less than 3	5 740	556	219	355	358	292	309	1 318	1 624	670	39	8 800
3	6 295	448	162	161	271	239	217	1 488	1 957	1 092	260	10 400
4 or more	2 649	227	91	76	59	59	64	367	941	559	206	12 000
YEAR STRUCTURE BUILT												
1969 to March 1970	209	19	4	—	9	5	6	34	100	32	—	11 400
1960 to 1968	2 081	87	16	34	50	82	60	370	808	417	157	12 100
1950 to 1959	3 377	93	112	58	94	141	108	813	1 141	631	186	11 200
1949 or earlier	9 042	1 001	472	401	380	425	511	1 946	2 525	1 138	243	9 100
YEAR MOVED INTO UNIT												
1969 to March 1970	858	38	39	7	12	34	53	191	335	139	10	10 800
1968	743	12	—	—	7	28	20	253	309	89	25	10 800
1960 to 1967	4 968	246	84	104	141	143	232	1 161	1 724	870	263	11 100
1959 or earlier	8 130	886	539	353	337	468	420	1 543	2 200	1 084	300	9 100
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	12 822	812	376	353	525	394	570	2 809	4 275	2 222	486	10 700
Clothes dryer	7 562	209	107	104	272	131	294	1 720	2 704	1 578	443	11 700
Dishwasher	3 259	20	111	20	134	91	60	440	1 130	867	386	13 300
Home food freezer	2 415	121	22	—	131	114	96	387	853	478	213	12 000
Owned second home	1 389	54	65	20	44	37	56	358	503	173	79	10 600
With air conditioning	2 076	103	85	20	59	112	52	402	636	416	191	11 600
Room unit(s)	1 969	103	85	20	59	106	52	402	610	355	171	11 300
Central system	107	—	—	—	—	6	—	—	20	61	20	—
Automobiles available:												
1	8 434	482	313	268	333	457	572	2 332	2 746	800	131	9 300
2	4 050	64	43	41	53	77	7	656	1 529	1 087	389	13 200
3 or more	598	13	—	8	6	13	—	43	175	267	66	16 300
Renter occupied housing units	14 098	2 602	1 169	1 173	1 178	1 236	1 043	2 820	2 176	619	82	5 800
ROOMS												
1 room	845	401	85	109	68	58	57	45	17	5	—	2 300
951	324	155	85	79	90	90	86	62	—	—	—	3 000
2 rooms	2 541	739	237	315	250	238	180	289	218	54	21	3 900
3 rooms	3 618	655	337	296	337	308	248	771	497	143	26	5 600
4 rooms	3 927	354	302	252	298	408	309	985	800	193	26	7 100
5 rooms	2 216	129	53	116	146	154	159	644	582	224	9	8 600
6 rooms or more												
PERSONS												
1 person	4 702	2 117	618	541	435	313	245	278	120	22	13	2 400
4 005	318	363	374	442	415	368	874	688	154	59	9	6 200
2 persons	3 763	133	163	195	201	368	310	1 209	883	267	34	8 300
3 and 4 persons	793	11	6	31	36	68	70	222	243	95	11	9 400
5 persons	835	23	19	32	64	72	50	237	242	81	15	9 000
6 persons or more												
Units with roomers, boarders, or lodgers	236	51	26	24	34	45	23	19	9	5	—	4 500
BEDROOMS												
None	959	472	80	228	41	80	—	—	29	29	—	2 100
1	4 244	1 241	496	448	308	355	294	737	281	55	29	3 900
2	5 088	571	470	374	544	587	292	1 164	736	316	34	6 000
3 or more	3 826	144	140	139	273	220	318	1 167	1 105	283	37	8 700
YEAR STRUCTURE BUILT												
1969 to March 1970	280	81	47	59	10	6	5	40	26	6	—	3 200
1960 to 1968	704	146	68	21	58	48	57	106	110	74	16	6 200
1950 to 1959	517	68	68	40	46	29	38	96	84	30	18	6 200
1949 or earlier	12 597	2 307	986	1 053	1 064	1 153	943	2 578	1 956	509	48	5 800
YEAR MOVED INTO UNIT												
1969 to March 1970	3 961	650	355	341	305	349	328	861	613	143	16	5 900
1968	1 747	219	127	126	139	131	161	398	349	97	—	6 800
1960 to 1967	5 119	889	391	402	489	458	400	984	804	264	38	5 800
1959 or earlier	3 281	899	301	308	256	291	168	480	454	105	19	4 500
GROSS RENT AS PERCENTAGE OF INCOME												
Specified renter occupied ¹	14 071	2 596	1 169	1 173	1 178	1 236	1 043	2 803	2 172	619	82	5 700
Less than 15 percent	4 400	6	5	78	91	193	279	1 366	1 730	570	82	10 500
15 to 19 percent	2 416	6	47	122	198	289	410	993	332	19	—	7 400
20 to 24 percent	1 513	27	124	200	292	367	164	268	67	4	—	5 300
25 to 34 percent	1 862	194	278	449	408	291	119	111	12	—	—	4 000
35 percent or more	3 253	2 017	694	298	133	68	30	9	4	—	—	2 000
Not computed	627	346	21	26	56	28	41	56	27	26	—	2 000
SELECTED CHARACTERISTICS												
Automatic clothes washing machine	7 548	697	471	422	709	612	466	2 042	1 543	515	71	7 600
Clothes dryer	2 273	118	59	59	187	96	140	652	677	250	35	9 200
Dishwasher	416	17	—	18	43	22	—	121	142	53	—	9 700
Home food freezer	866	—	22	—	37	131	60	241	280	95	—	9 300
Owned second home	213	21	—	—	19	—	—	17	18	15	36	—
With air conditioning	1 024	93	39	47	49	69	127	200	287	103	10	8 300
Room unit(s)	973	87	39	47	49	69	120	187	269	96	10	8 200
Central system	51	6	—	—	—	—	—	7	18	7	—	—
Automobiles available:												
1	7 348	619	319	472	536	735	688	2 058	1 541	325	55	7 400
2	1 182	38	22	25	42	69	70	222	489	200	—	11 100
3 or more	159	6	14	16	6	7	8	8	46	48	—	11 600

¹Excludes one-family homes on 10 acres or more.

Table B-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Manchester	With all plumbing facilities						Lacking some or all plumbing facilities				
	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	
Owner occupied housing units	14 709	14 631	7 391	6 143	986	111	78	49	29	-	-
PERSONS											
1 person	1 726	1 684	1 678	6	-	-	42	31	11	-	-
2 persons	4 320	4 290	4 139	146	-	5	30	18	12	-	-
3 persons	2 465	2 465	1 288	1 177	-	-	-	-	-	-	-
4 persons	2 344	2 344	228	2 091	9	16	-	-	-	-	-
5 persons	1 728	1 722	58	1 579	85	-	6	-	6	-	-
6 persons or more	2 126	2 126	-	1 144	892	90	-	-	-	-	-
Median	3.0	3.0	2.0	4.3	6.8	7.5+	...	...	...	-	-
Units with roomers, boarders, or lodgers	184	184	72	91	13	8	-	-	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	217	217	84	133	-	-	-	-	-	-	-
1965 to 1968	754	754	235	490	29	-	-	-	-	-	-
1960 to 1964	1 307	1 307	428	769	103	7	-	-	-	-	-
1950 to 1959	3 308	3 300	1 453	1 550	272	25	8	-	8	-	-
1940 to 1949	1 598	1 581	784	670	101	26	17	10	7	-	-
1939 or earlier	7 515	7 458	4 373	2 493	537	55	57	36	21	-	-
INCOME IN 1969											
Less than \$2,000	1 200	1 159	1 035	120	4	-	41	24	17	-	-
\$2,000 to \$2,999	604	604	549	50	5	-	-	-	-	-	-
\$3,000 to \$3,999	493	493	428	65	-	-	-	-	-	-	-
\$4,000 to \$4,999	533	533	431	88	14	-	-	-	-	-	-
\$5,000 to \$5,999	653	647	418	201	23	5	6	6	-	-	-
\$6,000 to \$6,999	685	679	412	228	39	-	6	6	-	-	-
\$7,000 to \$9,999	3 163	3 151	1 428	1 403	285	35	12	6	6	-	-
\$10,000 to \$14,999	4 574	4 561	1 586	2 540	385	50	13	7	6	-	-
\$15,000 to \$24,999	2 218	2 218	774	1 222	209	13	-	-	-	-	-
\$25,000 or more	586	586	330	226	22	8	-	-	-	-	-
Median	\$10 000	\$10 100	\$7 900	\$11 800	\$11 600	\$11 600	...	...	...	-	-
VALUE-INCOME RATIO											
Specified owner occupied ¹	10 908	10 849	5 274	4 802	696	77	59	36	23	-	-
Less than 1.5	4 025	4 000	1 404	2 203	342	51	25	13	12	-	-
1.5 to 1.9	2 501	2 501	1 073	1 205	202	21	-	-	-	-	-
2.0 to 2.4	1 359	1 353	681	561	106	5	6	6	-	-	-
2.5 to 2.9	696	696	300	378	18	-	-	-	-	-	-
3.0 to 3.9	713	702	490	194	18	-	11	6	5	-	-
4.0 or more	1 510	1 499	1 246	243	10	-	11	11	-	-	-
Not computed	104	98	80	18	-	-	6	-	6	-	-
HEATING EQUIPMENT											
Steam or hot water	10 734	10 722	5 431	4 515	719	57	12	-	12	-	-
Warm-air furnace	3 035	3 006	1 412	1 349	201	44	29	17	12	-	-
Built-in electric units	330	330	179	137	14	-	-	-	-	-	-
Floor, wall, or pipeless furnace	31	31	20	-	11	-	-	-	-	-	-
Other means	574	537	349	142	36	10	37	32	5	-	-
None	5	5	-	-	5	-	-	-	-	-	-
Renter occupied housing units	14 098	13 291	7 204	5 291	638	158	807	216	536	13	42
PERSONS											
1 person	4 702	4 018	3 715	303	-	-	684	185	499	-	-
2 persons	4 005	3 951	2 984	940	-	27	54	26	18	-	10
3 persons	2 338	2 313	462	1 836	15	-	25	5	14	-	6
4 persons	1 425	1 415	31	1 316	68	-	10	-	5	-	5
5 persons	793	793	12	679	96	6	-	-	-	-	2
6 persons or more	835	801	-	217	459	125	34	-	-	13	21
Median	2.1	2.2	1.5	3.3	6.1	7.5	1.1	1.1	1.0	...	...
Units with roomers, boarders, or lodgers	236	233	91	112	13	17	3	3	-	-	-
YEAR STRUCTURE BUILT											
1969 to March 1970	265	243	168	67	-	8	22	7	15	-	-
1965 to 1968	351	343	189	148	6	-	8	8	-	-	-
1960 to 1964	393	393	251	137	5	-	-	-	-	-	-
1950 to 1959	497	491	190	204	77	20	6	-	6	-	-
1940 to 1949	723	695	302	326	37	30	28	13	15	-	-
1939 or earlier	11 879	11 154	6 152	4 413	482	107	725	186	502	16	21
INCOME IN 1969											
Less than \$2,000	2 602	2 303	1 899	368	36	-	299	71	228	-	-
\$2,000 to \$2,999	1 169	1 073	763	285	16	9	96	33	63	-	-
\$3,000 to \$3,999	1 173	1 043	679	333	13	18	130	40	77	-	13
\$4,000 to \$4,999	1 178	1 107	703	333	50	21	71	16	55	-	-
\$5,000 to \$5,999	1 236	1 172	598	505	28	41	64	17	34	-	13
\$6,000 to \$6,999	1 043	981	510	392	70	9	62	12	45	-	5
\$7,000 to \$9,999	2 820	2 768	1 084	1 467	180	37	52	27	18	3	4
\$10,000 to \$14,999	2 176	2 153	749	1 224	172	8	23	-	11	5	7
\$15,000 to \$24,999	619	614	192	344	73	5	5	-	5	-	-
\$25,000 or more	82	77	27	40	-	10	5	-	-	5	-
Median	\$5 800	\$6 000	\$4 400	\$7 900	\$8 800	\$5 800	\$3 100	\$3 100	\$2 600	...	...
GROSS RENT AS PERCENTAGE OF INCOME											
Specified renter occupied ²	14 071	13 264	7 191	5 277	638	158	807	216	536	13	42
Less than 10 percent	1 386	1 276	468	675	108	25	110	12	83	10	5
10 to 14 percent	3 014	2 867	1 170	1 470	195	32	147	32	68	-	17
15 to 19 percent	2 416	2 316	1 005	1 150	139	22	100	28	99	3	-
20 to 24 percent	1 513	1 417	792	509	72	44	96	41	49	-	6
25 to 34 percent	1 862	1 788	1 049	663	61	15	74	17	43	-	14
35 percent or more	3 253	2 996	2 306	632	42	16	257	80	177	-	-
Not computed	627	604	401	178	21	4	23	6	17	-	-
HEATING EQUIPMENT											
Steam or hot water	7 238	6 594	3 792	2 574	179	49	644	122	499	-	23
Warm-air furnace	1 606	1 571	603	736	187	45	35	10	15	3	7
Built-in electric units	331	331	160	171	-	-	-	-	-	-	-
Floor, wall, or pipeless furnace	67	67	16	38	13	-	-	-	-	-	-
Other means	4 713	4 585	2 537	1 737	247	64	128	84	22	10	12
None	143	143	96	35	12	-	-	-	-	-	-

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B-5. Rooms in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Manchester

	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	14 709	27	32	273	2 082	4 354	4 307	1 867	1 767	5.6
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	14 503	14	35	257	2 039	4 370	4 116	1 824	1 848	5.6
PERSONS										
1 person	1 726	17	16	98	381	532	381	125	176	5.2
2 persons	4 320	5	5	153	1 027	1 325	1 046	434	325	5.2
3 persons	2 465	-	-	9	356	812	734	319	235	5.6
4 persons	2 344	5	11	9	172	767	817	335	228	5.8
5 persons	1 728	-	-	-	85	520	660	232	231	5.9
6 persons or more	2 126	-	-	4	61	398	669	422	572	6.4
Median	3.0	...	...	1.8	2.1	2.9	3.5	3.7	4.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	14 631	16	32	249	2 075	4 342	4 295	1 860	1 762	5.4
0.50 or less	7 391	-	16	86	1 401	1 851	2 149	871	1 017	5.7
0.51 to 1.00	6 143	6	5	150	528	2 093	1 821	889	651	5.7
1.01 to 1.50	986	-	-	9	122	349	316	100	90	5.5
1.51 or more	111	10	11	4	24	49	9	-	4	4.6
Lacking some or all plumbing facilities	78	11	-	24	7	12	12	7	5	...
0.50 or less	49	-	-	12	7	6	12	7	5	...
0.51 to 1.00	29	11	-	12	-	6	-	-	-	...
1.01 to 1.50	-	-	-	-	-	-	-	-	-	...
1.51 or more	-	-	-	-	-	-	-	-	-	...
BEDROOMS										
None and 1	881	22	26	239	459	68	23	-	44	3.8
2	4 859	-	-	23	1 458	2 137	994	227	20	4.9
3	6 295	-	-	-	164	2 015	2 889	1 004	223	5.8
4 or more	2 649	-	-	-	-	19	738	621	1 271	7.4
YEAR STRUCTURE BUILT										
1969 to March 1970	209	-	-	5	56	94	29	25	-	5.0
1960 to 1968	2 081	-	-	21	237	769	580	290	184	5.5
1950 to 1959	3 377	-	6	73	612	1 090	1 068	304	224	5.4
1949 or earlier	9 042	27	26	174	1 177	2 401	2 630	1 248	1 359	5.8
COMPLETE BATHROOMS										
1 and 1 1/2	12 606	8	27	243	1 950	4 215	3 683	1 385	1 095	5.5
2 or more	1 897	6	8	14	89	155	433	439	753	7.1
None or also used by another household	196	13	-	22	34	61	45	9	12	5.0
VALUE-INCOME RATIO										
Specified owner occupied ¹	10 908	16	11	160	1 343	2 863	3 328	1 602	1 585	5.8
Less than 1.5	4 025	5	-	68	543	1 056	1 217	598	538	5.8
1.5 to 1.9	2 501	-	6	29	245	669	809	419	324	5.9
2.0 to 2.9	2 055	-	-	9	220	587	675	245	319	5.8
3.0 or more	2 223	11	5	41	302	539	602	340	383	5.9
Not computed	104	-	-	13	33	12	25	-	21	5.0
Renter occupied housing units	14 098	845	951	2 541	3 618	3 927	1 757	252	207	4.2
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	13 114	241	732	2 405	3 757	3 836	1 741	209	193	4.3
PERSONS										
1 person	4 702	802	790	1 451	945	521	147	29	17	3.0
2 persons	4 005	37	141	817	1 355	1 194	383	54	24	4.2
3 persons	2 338	6	15	178	785	887	397	48	22	4.7
4 persons	1 425	-	5	68	354	596	319	52	31	5.0
5 persons	793	-	6	6	96	385	251	21	34	5.3
6 persons or more	835	-	-	21	83	344	260	48	79	5.4
Median	2.1	1.0	1.1	1.4	2.1	2.8	3.4	3.4	4.8	...
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	13 291	330	840	2 491	3 575	3 874	1 727	247	207	4.3
0.50 or less	7 204	-	693	1 415	2 276	1 683	905	126	106	4.2
0.51 to 1.00	5 291	303	132	981	1 134	1 864	683	103	91	4.6
1.01 to 1.50	638	-	15	68	137	273	121	14	10	4.9
1.51 or more	158	27	-	27	27	54	18	4	-	4.4
Lacking some or all plumbing facilities	807	515	111	50	43	53	30	5	-	1.3
0.50 or less	216	-	97	36	24	32	22	5	-	2.8
0.51 to 1.00	536	499	9	14	5	4	5	-	-	1.0
1.01 to 1.50	13	-	-	-	-	-	3	-	-	...
1.51 or more	42	16	5	-	14	7	-	-	-	...
BEDROOMS										
None	959	915	22	22	-	-	-	-	-	1.0
1	4 244	-	1 103	2 246	612	239	44	-	-	3.0
2	5 088	-	-	340	2 360	2 029	340	-	19	4.4
3 or more	3 826	-	-	-	46	1 867	1 355	358	200	5.5
YEAR STRUCTURE BUILT										
1969 to March 1970	280	57	101	47	28	26	17	-	4	2.3
1960 to 1968	704	22	46	279	204	113	31	4	5	3.5
1950 to 1959	517	-	22	71	198	131	79	11	5	4.3
1949 or earlier	12 597	766	782	2 144	3 188	3 657	1 630	237	193	4.3
COMPLETE BATHROOMS										
1 and 1 1/2	13 088	305	746	2 399	3 739	3 830	1 741	198	130	4.3
2 or more	133	15	-	6	25	6	7	11	63	7.2
None or also used by another household	887	530	143	82	33	64	24	5	6	1.3
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied ²	14 071	845	951	2 535	3 614	3 917	1 750	252	207	4.2
Less than 10 percent	1 386	104	50	149	397	381	265	26	14	4.5
10 to 14 percent	3 014	144	148	345	698	1 052	509	66	52	4.7
15 to 19 percent	2 416	87	133	361	623	734	401	49	28	4.5
20 to 24 percent	1 513	58	102	308	369	459	174	28	15	4.3
25 to 34 percent	1 862	84	163	432	504	460	173	24	22	4.0
35 percent or more	3 253	313	312	827	899	696	130	40	36	3.7
Not computed	627	55	43	113	124	135	98	19	40	4.3

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Manchester	Owner occupied				Renter occupied							
	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	14 709	11 118	3 543	48	14 098	769	3 153	4 275	3 320	1 340	1 209	12
ROOMS												
1 room	27	16	11	-	845	6	11	44	72	276	436	-
2 rooms	32	11	21	-	951	11	23	124	243	182	362	6
3 rooms	273	160	98	15	2 541	81	353	620	839	391	257	-
4 rooms	2 082	1 362	707	13	3 618	128	1 029	1 028	1 053	287	87	6
5 rooms	4 354	2 911	1 423	20	3 927	179	1 211	1 502	815	161	59	-
6 rooms	4 307	3 359	948	-	1 757	197	426	829	273	24	8	-
7 rooms	1 867	1 655	212	-	252	85	43	88	21	15	-	-
8 rooms or more	1 767	1 644	123	-	207	102	57	40	4	4	-	-
Median	5.6	5.8	5.2	...	4.2	5.4	4.6	4.7	4.0	3.0	2.0	...
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	14 631	11 059	3 524	48	13 291	774	3 126	4 193	3 225	1 148	813	12
0.50 or less	7 391	5 408	1 968	15	7 204	383	1 823	2 174	1 712	559	547	6
0.51 to 1.00	6 143	4 864	1 246	33	5 291	345	1 175	1 793	1 233	487	252	6
1.01 to 1.50	986	710	276	-	638	46	106	187	222	69	8	-
1.51 or more	111	77	34	-	158	-	22	39	58	33	6	-
Lacking some or all plumbing facilities	78	59	19	-	807	15	27	82	95	192	396	-
0.50 or less	49	36	13	-	216	15	18	39	47	29	68	-
0.51 to 1.00	29	23	6	-	536	-	9	16	29	158	324	-
1.01 to 1.50	-	-	-	-	13	-	-	13	-	-	-	-
1.51 or more	-	-	-	-	42	-	-	14	19	5	4	-
BEDROOMS												
None	48	-	48	-	959	-	23	-	122	290	524	-
1	833	472	361	-	4 244	131	685	864	1 095	801	637	31
2	4 859	3 416	1 443	-	5 088	322	1 593	1 749	1 125	121	178	-
3	4 295	4 675	1 591	29	3 209	268	865	1 232	639	186	19	-
4 or more	2 649	2 498	151	-	617	240	111	145	69	37	15	-
YEAR STRUCTURE BUILT												
1969 to March 1970	209	174	5	30	280	10	27	50	19	5	163	6
1965 to 1968	764	759	-	5	343	19	112	32	61	31	82	6
1960 to 1964	1 317	1 261	51	5	361	61	68	69	80	18	65	-
1950 to 1959	3 377	3 242	127	8	517	142	107	27	21	14	6	-
1940 to 1949	1 560	1 379	181	-	708	88	314	36	69	195	6	-
1939 or earlier	7 482	4 303	3 179	-	11 889	469	2 525	4 061	2 870	1 077	887	-
INCOME IN 1969												
Less than \$2,000	1 200	732	458	10	2 602	102	423	612	600	384	481	-
\$2,000 to \$2,999	604	438	166	-	1 169	14	241	267	307	159	175	6
\$3,000 to \$3,999	493	316	172	5	1 173	39	173	330	335	169	127	-
\$4,000 to \$4,999	533	342	182	9	1 178	68	218	324	338	150	80	-
\$5,000 to \$5,999	653	500	153	-	1 236	54	267	413	291	138	73	-
\$6,000 to \$6,999	685	449	230	6	1 043	34	185	401	234	111	78	-
\$7,000 to \$9,999	3 163	2 260	895	8	2 820	176	797	981	624	126	110	6
\$10,000 to \$14,999	4 574	3 673	891	10	2 176	213	654	719	444	85	17	-
\$15,000 to \$24,999	2 218	1 851	367	-	619	70	181	212	124	12	4	-
\$25,000 or more	586	557	29	-	82	19	14	16	23	6	1	-
Median	\$10 000	\$10 700	\$8 400	...	\$5 800	\$8 400	\$7 300	\$6 500	\$5 300	\$3 800	\$2 700	...
YEAR MOVED INTO UNIT												
1969 to March 1970	858	654	164	40	3 961	162	848	1 090	918	402	533	8
1968	743	621	122	-	1 747	78	373	595	429	143	129	-
1967	677	583	94	-	1 177	56	230	418	323	81	69	-
1965 and 1966	1 396	1 122	268	6	1 730	77	364	513	481	186	109	-
1960 to 1964	2 895	2 419	469	7	2 212	146	492	725	511	181	147	-
1950 to 1959	4 078	3 279	792	7	1 702	136	380	549	398	148	91	-
1949 or earlier	4 052	2 394	1 658	-	1 579	65	432	479	333	173	97	-
GROSS RENT												
Specified renter occupied ¹	14 071	762	3 153	...	14 071	762	3 153	4 275	3 320	1 340	1 209	12
Less than \$50	1 240	34	77	-	1 240	34	77	206	198	265	460	-
\$50 to \$59	693	6	86	-	693	6	86	202	176	136	87	-
\$60 to \$69	1 328	32	193	-	1 328	32	193	373	392	215	123	-
\$70 to \$79	1 386	19	269	-	1 386	19	269	482	398	99	119	-
\$80 to \$89	3 493	76	635	-	3 493	76	635	1 324	1 022	301	135	-
\$100 to \$119	2 611	96	765	-	2 611	96	765	824	678	167	81	-
\$120 to \$149	1 857	139	631	-	1 857	139	631	588	327	86	74	12
\$150 to \$199	858	171	288	-	858	171	288	195	82	30	92	-
\$200 to \$299	166	29	68	-	166	29	68	40	5	9	15	-
\$300 or more	4	4	-	-	4	4	-	-	-	-	-	-
No cash rent	435	-	141	-	435	-	141	41	42	32	23	-
Median	\$92	\$129	\$106	...	\$92	\$129	\$106	\$93	\$89	\$74	\$64	...
HEATING EQUIPMENT												
Steam or hot water	10 734	8 110	2 619	5	7 238	466	1 838	1 624	1 391	854	1 065	-
Warm-air furnace	3 035	2 472	520	43	1 606	224	487	304	340	212	27	12
Built-in electric units	330	308	22	-	331	25	87	47	91	25	56	-
Floor, wall, or pipeless furnace	31	16	15	-	67	-	-	34	13	20	-	-
Other means	574	212	362	-	4 713	69	728	2 211	1 420	224	61	-
None	5	-	5	-	143	5	13	55	65	5	-	-
AIR CONDITIONING												
Room unit(s)	1 969	1 543	412	14	973	86	264	277	136	62	148	-
Central system	107	95	12	-	51	13	20	7	4	7	-	-
None	12 623	9 434	3 143	46	13 084	621	2 835	4 085	3 253	1 255	1 027	8
AUTOMOBILES AVAILABLE												
1	8 434	6 160	2 227	47	7 348	416	1 927	2 494	1 719	491	293	8
2	4 050	3 461	576	13	1 182	149	424	373	162	59	15	-
3 or more	598	488	110	-	159	26	22	37	14	6	54	-
None	1 617	963	654	-	5 419	129	746	1 465	1 498	768	813	-

¹Excludes one-family homes on 10 acres or more.

Table B-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Manchester	Two-or-more-person households										One-person households	
	Total	Male head, wife present, no nonrelatives					Other male head		Female head		Under 65 years	65 years and over
		Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over		
Owner occupied housing units	14 709	162	1 477	2 722	5 400	1 494	425	141	862	300	680	1 044
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	14 631	162	1 477	2 716	5 382	1 482	425	141	862	300	657	1 027
0.50 or less	7 391	63	229	388	2 652	1 294	206	106	516	259	657	1 021
0.51 to 1.00	6 143	94	1 082	1 771	2 432	1 779	188	35	319	37	—	6
1.01 to 1.50	986	—	152	516	260	5	26	—	23	4	—	—
1.51 or more	111	5	14	41	38	4	5	—	4	—	—	—
Lacking some or all plumbing facilities	78	—	—	6	18	12	—	—	—	—	23	19
0.50 or less	49	—	—	—	6	12	—	—	—	—	12	19
0.51 to 1.00	29	—	—	6	12	—	—	—	—	—	11	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE												
1	11 118	106	1 137	2 231	4 229	1 045	314	104	652	192	482	626
2 or more	3 543	51	330	491	1 165	439	111	37	203	108	193	415
Mobile home or trailer	48	5	10	—	6	10	—	—	7	—	5	5
INCOME IN 1969												
Less than \$2,000	1 200	4	11	25	51	173	15	19	114	65	110	613
\$2,000 to \$2,999	604	—	5	5	72	259	9	10	18	38	50	134
\$3,000 to \$3,999	493	—	—	15	24	147	5	19	49	21	107	106
\$4,000 to \$4,999	533	5	—	26	65	151	22	—	90	22	95	57
\$5,000 to \$5,999	653	4	40	62	104	27	27	11	91	18	55	38
\$6,000 to \$6,999	685	4	55	93	256	85	8	11	62	20	78	13
\$7,000 to \$9,999	3 163	85	482	660	1 145	256	82	220	43	43	123	41
\$10,000 to \$14,999	4 574	43	699	1 154	1 958	219	174	36	174	51	39	27
\$15,000 to \$24,999	2 218	12	162	566	1 262	79	64	4	34	18	11	6
\$25,000 or more	586	—	23	116	365	21	19	5	10	4	12	11
Median	\$10 000	\$9 100	\$11 000	\$12 100	\$12 300	\$5 200	\$11 300	\$7 100	\$7 100	\$5 200	\$4 800	\$2000—
VALUE-INCOME RATIO												
Specified owner occupied ¹	10 908	106	1 127	2 181	4 147	1 034	302	99	640	192	471	609
Less than 1.5	4 025	26	340	935	2 153	1 145	129	20	134	49	60	34
1.5 to 1.9	2 501	26	392	639	962	152	60	25	132	9	82	22
2.0 to 2.4	1 359	10	212	311	465	116	42	4	74	28	75	22
2.5 to 2.9	696	24	120	140	181	91	27	19	41	4	32	17
3.0 to 3.9	713	7	21	82	181	175	10	5	83	20	84	45
4.0 or more	1 510	9	42	69	187	355	34	21	151	82	121	439
Not computed	104	4	—	5	18	—	—	5	25	—	17	30
Renter occupied housing units	14 098	1 253	1 897	1 031	2 071	1 019	418	129	1 230	348	2 296	2 406
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities	13 291	1 243	1 880	1 010	2 051	1 001	409	125	1 214	340	1 891	2 127
0.50 or less	7 204	404	394	128	930	635	197	73	474	254	1 755	1 960
0.51 to 1.00	5 291	792	1 277	631	979	350	182	52	639	86	136	167
1.01 to 1.50	638	41	179	208	114	—	15	—	81	—	—	—
1.51 or more	158	6	30	43	28	16	15	—	20	—	—	—
Lacking some or all plumbing facilities	807	10	17	21	20	18	9	4	16	8	405	279
0.50 or less	216	—	—	—	4	10	5	4	5	3	108	77
0.51 to 1.00	536	10	5	4	—	8	—	—	5	5	297	202
1.01 to 1.50	13	—	—	10	—	—	—	—	—	—	—	—
1.51 or more	42	—	12	7	13	—	4	—	6	—	—	—
UNITS IN STRUCTURE												
1	789	44	132	93	189	82	39	6	48	32	89	35
2 to 4	7 428	756	1 251	623	1 288	613	187	101	651	182	830	946
5 to 19	4 660	453	484	271	556	283	155	22	514	120	871	931
20 or more	1 209	—	30	38	38	41	31	—	17	14	506	494
Mobile home or trailer	12	—	—	6	—	—	6	—	—	—	—	—
GROSS RENT												
Specified renter occupied ²	14 071	1 249	1 897	1 031	2 060	1 013	418	129	1 230	342	2 296	2 406
Less than \$50	1 240	22	25	21	30	68	13	—	24	15	362	660
\$50 to \$59	693	26	9	25	42	51	16	4	38	19	214	249
\$60 to \$69	1 328	48	56	46	111	102	54	20	173	26	313	379
\$70 to \$79	1 366	98	153	77	177	188	50	16	117	54	245	211
\$80 to \$99	3 493	299	468	266	660	307	78	31	300	105	517	462
\$100 to \$119	2 611	380	512	252	502	97	87	35	281	49	286	130
\$120 to \$149	1 857	273	424	210	310	71	64	5	204	38	147	111
\$150 to \$199	858	66	164	76	136	79	30	12	54	21	141	79
\$200 to \$299	166	16	47	24	23	10	10	—	13	—	17	6
\$300 or more	4	—	—	4	—	—	—	—	—	—	—	—
No cash rent	435	21	39	30	69	40	16	6	26	15	54	119
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME												
Specified renter occupied ²	14 071	1 249	1 897	1 031	2 060	1 013	418	129	1 230	342	2 296	2 406
Less than \$5,000	6 116	273	129	92	236	630	138	64	663	180	1 483	2 228
Less than 20 percent	553	13	14	25	40	40	10	6	32	5	191	177
20 to 24 percent	643	46	27	16	29	93	10	4	43	15	232	128
25 to 34 percent	1 329	104	23	30	70	201	26	9	234	26	307	299
35 percent or more	3 142	96	59	17	85	266	73	39	296	124	620	1 467
Not computed	449	14	6	4	12	30	19	6	58	10	133	157
\$5,000 to \$9,999	5 082	669	1 058	471	938	299	176	60	464	111	658	178
Less than 20 percent	3 530	456	757	320	694	188	116	38	274	76	473	138
20 to 24 percent	799	108	135	92	149	66	29	12	95	13	100	—
25 to 34 percent	521	86	110	42	56	21	22	4	90	4	63	23
35 percent or more	107	8	23	5	10	15	—	6	5	—	11	11
Not computed	125	11	33	12	29	9	9	—	5	—	11	6
\$10,000 to \$14,999	2 172	282	545	343	628	60	64	—	79	51	120	—
Less than 20 percent	2 062	265	523	331	606	50	53	—	75	51	108	—
20 to 24 percent	67	17	10	4	4	5	11	—	4	—	12	—
25 percent or more	16	—	12	4	—	—	—	—	—	—	—	—
Not computed	27	—	—	4	18	5	—	—	—	—	—	—
\$15,000 or more	701	25	165	125	258	24	40	5	24	—	35	—
Less than 20 percent	671	25	165	115	238	24	40	5	24	—	35	—
20 to 24 percent	4	—	—	—	4	—	—	—	—	—	—	—
25 percent or more	—	—	—	—	—	—	—	—	—	—	—	—
Not computed	26	—	—	10	16	—	—	—	—	—	—	—

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B-8. Persons in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Manchester	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	14 709	1 726	4 320	2 465	2 344	1 728	1 122	556	448	3.0
BEDROOMS										
None and 1	881	371	490	20	-	-	-	-	-	1.6
2	4 859	762	2 148	1 170	444	262	73	-	-	2.3
3	6 295	470	1 323	1 124	1 450	1 003	701	130	94	3.7
4 or more	2 649	201	304	382	268	463	436	385	210	4.9
YEAR STRUCTURE BUILT										
1969 to March 1970	209	-	58	55	67	21	8	-	-	3.3
1965 to 1968	764	11	130	151	210	171	68	14	9	3.9
1960 to 1964	1 317	67	292	240	317	197	120	62	22	3.7
1950 to 1959	3 377	251	1 016	556	617	469	256	128	84	3.3
1940 to 1949	1 560	140	514	285	244	189	96	45	47	2.9
1939 or earlier	7 482	1 257	2 310	1 178	889	681	574	307	286	2.6
UNITS IN STRUCTURE										
1	11 118	1 108	3 107	1 893	1 855	1 433	872	464	386	3.2
2 or more	3 543	608	1 198	561	477	295	250	92	62	2.5
Mobile home or trailer	48	10	15	11	12	-	-	-	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	12 606	1 490	3 843	2 162	1 992	1 427	880	412	400	2.9
2 and 2 1/2	1 661	125	374	194	264	270	190	131	113	4.0
3 or more	236	37	33	32	64	35	24	11	-	3.8
None or also used by another household	196	51	93	11	15	8	12	6	-	2.0
HOUSEHOLD COMPOSITION										
Two-or-more-person households	12 983	...	4 320	2 465	2 344	1 728	1 122	556	448	3.4
Male head, wife present, no nonrelatives	11 255	...	3 466	2 123	2 057	1 613	1 049	517	430	3.5
Under 25 years	162	...	44	65	40	13	-	-	-	3.1
25 to 34 years	1 477	...	118	203	474	351	239	44	48	4.4
35 to 44 years	2 722	...	163	270	555	630	535	343	226	5.1
45 to 64 years	5 400	...	2 001	1 329	943	588	262	121	156	3.0
65 years and over	1 494	...	1 140	256	45	31	13	9	-	2.0
Other male head	566	...	242	134	81	50	28	18	13	2.8
Under 65 years	425	...	156	99	70	46	23	18	13	3.1
65 years and over	141	...	86	35	11	4	5	-	-	2.3
Female head	1 162	...	612	208	206	65	45	21	5	2.4
Under 65 years	862	...	409	158	179	52	38	21	5	2.6
65 years and over	300	...	203	50	27	13	7	-	-	2.2
One-person households	1 726	1 726	...	...	...	...	...	...	...	1.0
VALUE-INCOME RATIO										
Specified owner occupied¹	10 908	1 080	3 039	1 841	1 839	1 420	861	450	378	3.2
Less than 1.5	4 025	94	879	820	765	635	417	213	202	3.8
1.5 to 1.9	2 501	104	607	518	521	313	211	122	105	3.5
2.0 to 2.4	1 359	97	441	166	225	198	126	56	50	3.4
2.5 to 2.9	696	49	161	116	170	125	35	32	8	3.6
3.0 to 3.9	713	129	319	85	65	65	28	14	8	2.2
4.0 or more	1 510	560	603	122	84	84	39	13	5	1.8
Not computed	104	47	29	14	9	-	5	-	-	1.7
Renter occupied housing units	14 098	4 702	4 005	2 338	1 425	793	398	250	187	2.1
BEDROOMS										
None	959	913	19	27	-	-	-	-	-	1.0
1	4 244	2 475	1 458	174	137	-	-	-	-	1.4
2	5 088	986	1 945	1 238	710	103	53	36	17	2.3
3 or more	3 826	233	668	753	630	699	399	182	262	3.9
YEAR STRUCTURE BUILT										
1969 to March 1970	280	188	51	4	20	13	-	4	-	1.2
1965 to 1968	343	130	135	52	16	5	-	5	-	1.8
1960 to 1964	361	200	80	42	25	14	-	-	-	1.4
1950 to 1959	517	82	151	66	76	44	32	15	51	2.9
1940 to 1949	708	152	169	168	107	44	31	14	23	2.7
1939 or earlier	11 889	3 950	3 419	2 006	1 181	673	335	212	113	2.1
UNITS IN STRUCTURE										
1	789	124	224	163	81	85	53	42	17	2.8
2	3 153	689	1 152	622	353	216	56	46	19	2.3
3 and 4	4 275	1 087	1 204	874	540	299	143	89	45	2.4
5 to 9	3 320	1 097	951	530	338	162	71	57	72	2.1
10 to 19	1 340	705	329	109	89	27	25	22	34	1.5
20 or more	1 209	1 000	133	40	24	4	8	-	-	1.1
Mobile home or trailer	12	-	12	-	-	-	-	-	-	...
COMPLETE BATHROOMS										
1 and 1 1/2	13 088	3 938	3 872	2 365	1 390	788	380	239	116	2.2
2 or more	133	28	46	16	19	-	-	5	19	2.3
None or also used by another household	887	759	65	28	13	-	6	13	3	1.1
HOUSEHOLD COMPOSITION										
Two-or-more-person households	9 396	...	4 005	2 338	1 425	793	398	250	187	2.8
Male head, wife present, no nonrelatives	7 271	...	2 834	1 831	1 180	706	335	219	166	2.9
Under 25 years	1 253	...	541	508	161	31	9	6	3	2.7
25 to 34 years	1 897	...	412	496	483	302	102	64	38	3.6
35 to 44 years	1 031	...	131	162	188	223	149	105	73	4.7
45 to 64 years	2 071	...	904	541	323	140	72	36	55	2.7
65 years and over	1 019	...	846	124	25	10	9	5	-	2.1
Other male head	547	...	330	131	32	30	8	11	5	2.3
Under 65 years	418	...	251	89	27	3	8	-	-	2.3
65 years and over	129	...	79	42	5	3	55	20	16	2.4
Female head	1 578	...	841	376	213	57	55	20	14	2.7
Under 65 years	1 230	...	543	330	209	57	55	-	-	2.1
65 years and over	348	...	298	46	4	-	-	-	-	1.0
One-person households	4 702	4 702	...	...	...	...	...	...	...	1.0
GROSS RENT AS PERCENTAGE OF INCOME										
Specified renter occupied²	14 071	4 702	3 993	2 323	1 425	793	398	250	187	2.1
Less than 10 percent	1 386	201	386	320	223	125	47	50	34	2.8
10 to 14 percent	3 014	422	1 023	668	395	252	146	62	46	2.6
15 to 19 percent	2 416	499	681	531	337	200	87	49	32	2.6
20 to 24 percent	1 513	472	436	270	157	66	46	32	34	2.2
25 to 34 percent	1 862	692	591	267	139	99	23	35	22	1.9
35 percent or more	3 253	2 109	728	201	121	35	31	9	19	1.3
Not computed	627	307	148	66	53	22	18	13	-	1.5

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

Manchester					Manchester				
	Total	Less than 2 months	2 up to 6 months	6 months or more		Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	87	28	38	21	Vacant for rent	775	600	87	88
ROOMS					ROOMS				
1 to 3 rooms	8	4	~	4	1 room	73	61	3	9
4 rooms	9	~	4	5	2 rooms	86	71	12	3
5 rooms	37	12	17	8	3 rooms	267	213	18	36
6 rooms	7	4	3	~	4 rooms	173	134	25	14
7 rooms or more	26	8	14	4	5 rooms	120	90	12	18
					6 rooms	35	17	14	4
					7 rooms or more	21	14	3	4
PLUMBING FACILITIES					PLUMBING FACILITIES				
With all plumbing facilities	81	28	32	21	With all plumbing facilities	716	557	87	72
Lacking some or all plumbing facilities	6	~	6	~	Lacking some or all plumbing facilities	59	43	~	16
BEDROOMS					BEDROOMS				
None and 1	~	~	~	~	None	59	45	14	~
2	34	~	17	17	1	333	272	30	31
3	34	16	18	~	2	268	179	45	44
4 or more	48	48	~	~	3 or more	118	89	~	29
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1969 to March 1970	18	10	8	~	1969 to March 1970	59	53	6	~
1960 to 1968	9	~	~	~	1960 to 1968	19	19	~	~
1950 to 1959	7	~	3	4	1950 to 1959	16	9	7	~
1949 or earlier	53	9	27	17	1949 or earlier	681	519	74	88
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1	74	28	29	17	1	32	19	3	10
2 or more	13	~	9	4	2 to 4	283	242	33	8
					5 to 9	214	121	39	54
					10 to 19	159	137	6	16
					20 or more	87	81	6	~
HEATING EQUIPMENT					RENT ASKED				
Steam or hot water	60	20	27	13	Specified vacant for rent ²	775	600	87	88
Warm-air furnace	19	8	3	8	Less than \$50	249	202	20	27
Built-in electric units	8	~	8	~	\$50 to \$59	73	60	7	6
Floor, wall, or pipeless furnace	~	~	~	~	\$60 to \$79	168	133	10	25
Other means	~	~	~	~	\$80 to \$99	114	79	28	7
None	~	~	~	~	\$100 to \$119	92	61	12	19
					\$120 to \$149	66	55	7	4
					\$150 to \$199	10	10	~	~
					\$200 or more	3	~	3	~
SALES PRICE ASKED					Median rent asked	\$68	\$66	~	~
Specified vacant for sale ¹	70	28	29	13					
Less than \$5,000	4	~	~	4					
\$5,000 to \$9,999	4	~	4	~					
\$10,000 to \$14,999	28	13	6	9					
\$15,000 to \$19,999	14	~	14	~					
\$20,000 to \$24,999	12	12	~	~					
\$25,000 to \$34,999	3	3	~	~					
\$35,000 to \$49,999	~	~	~	~					
\$50,000 or more	5	~	5	~					
Median price asked	~	~	~	~					

¹Limited to one-family homes on less than 10 acres and no business on property. ²Excludes one-family homes on 10 acres or more.

Table B-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

Manchester	Sales price asked - Vacant for sale ¹							Rent asked - Vacant for rent ²						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	70	8	28	14	12	3	5	775	322	168	114	158	10	3
PLUMBING FACILITIES														
With all plumbing facilities	81	~	34	~	31	16	~	733	224	240	136	133	~	~
Lacking some or all plumbing facilities	18	~	~	18	~	~	~	45	45	~	~	~	~	~
BEDROOMS														
None and 1	~	~	~	~	~	~	~	392	180	106	61	45	~	~
2	17	~	17	~	~	~	~	268	60	74	60	74	~	~
3	34	~	~	18	~	16	~	89	15	60	~	14	~	~
4 or more	48	~	17	~	31	~	~	29	14	~	15	~	~	~
YEAR STRUCTURE BUILT														
1969 to March 1970	18	~	~	8	7	3	~	59	15	23	4	12	5	~
1960 to 1968	9	~	4	~	5	~	~	19	3	~	~	11	5	~
1950 to 1959	7	~	7	~	~	~	~	16	4	5	4	3	~	~
1949 or earlier	36	8	17	6	~	~	5	681	300	140	106	132	~	3
UNITS IN STRUCTURE														
1	~	~	~	~	~	~	~	32	4	6	8	14	~	~
2 to 4	~	~	~	~	~	~	~	283	109	40	42	79	10	~
5 to 19	~	~	~	~	~	~	~	373	173	99	51	50	~	3
20 or more	~	~	~	~	~	~	~	87	36	23	13	15	~	~
INCLUSION OF UTILITIES IN RENT														
All utilities included	~	~	~	~	~	~	~	325	183	76	33	28	5	~
Some or no utilities included	~	~	~	~	~	~	~	450	139	92	81	130	5	3

¹Limited to one-family homes on less than 10 acres and no business on property. ²Excludes one-family homes on 10 acres or more.

Appendix A.—AREA CLASSIFICATIONS

USUAL PLACE OF RESIDENCE ..	App-1
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USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to 1790, each person enumerated in the 1970 census was counted as an inhabitant of his usual place of residence, which is generally construed to mean the place where he lives and sleeps most of the time. This place is not necessarily the same as his legal residence, voting residence, or domicile. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics although there may be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishing of residence rules for certain categories of persons whose usual place of residence is not immediately clear. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be found by the census enumerators. Persons without a usual place of residence were, however, counted where they were enumerated. Detailed information on residence rules is given in the 1970 Population Census PC(1)-A reports.

COUNTIES

The primary divisions of the States are, in general, termed counties, but in Louisiana these divisions are known as parishes. There are no counties in Alaska; in this State, statistical areas called census divisions were developed

for general statistical purposes through the cooperation of the State and the Census Bureau and are treated as county equivalents. In four States (Maryland, Missouri, Nevada, and Virginia), there are one or more cities which are independent of any county organization and thus constitute primary divisions of their States.

PLACES

Two types of places are recognized in the census reports, incorporated places and unincorporated places. Incorporated places are political units incorporated as cities, boroughs, towns, and villages except for (a) boroughs in Alaska and (b) towns in the New England States, New York, and Wisconsin. Unincorporated places are closely settled population centers without corporate limits for which the Census Bureau has delineated boundaries. Each place so delineated possesses a definite nucleus of residences and has its boundaries drawn to include, if feasible, all the surrounding closely settled area. Unincorporated places are identified with the letter "U."

STANDARD METROPOLITAN STATISTICAL AREAS

The Bureau of the Census recognizes 243 standard metropolitan statistical areas (SMSA's) in the United States and 4 in Puerto Rico, making a total of 247 in the 1970 census. These include the 231 SMSA's as defined and named in the Bureau of the Budget publication, **Standard Metropolitan Statistical Areas: 1967**, U.S. Government Printing Office, Washington, D.C. 20402. Since 1967, 16 SMSA's have been added, of which two were defined in January 1968 and an additional 14 were defined in February

1971 on the basis of the results of the 1970 census. Changes in SMSA boundaries or titles made after February 1971 are not recognized in this series of reports. SMSA's are defined by the Office of Management and Budget (formerly Bureau of the Budget).

Except in the New England States, a standard metropolitan statistical area is a county or group of contiguous counties which contains at least one city of 50,000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In addition to the county or counties containing such a city or cities, contiguous counties are included in an SMSA if, according to certain criteria, they are socially and economically integrated with the central city. In the New England States, SMSA's consist of towns and cities instead of counties. Each SMSA must include at least one central city, and the complete title of an SMSA identifies the central city or cities. For a detailed description of the criteria used in defining SMSA's, see the Bureau of the Budget publication cited above.

The figures for central cities shown in this report may differ from those shown in the Housing Census HC(1)-A and HC(1)-B reports. In those reports, if a central city of an SMSA is an extended city (so designated because it has extended its boundaries to include territory essentially rural in character), the figures shown for the central city were restricted to the urban portion of the city. In addition, parts of central cities outside the SMSA boundaries were excluded from the central city tabulations. In this report, however, figures for central cities refer to the entire population and housing within the legal city boundaries, including any rural parts of the city or parts outside the SMSA.

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

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GENERAL

Self-enumeration and census questionnaire.—As stated in the introductory text of this report, the 1970 census was conducted primarily through self-enumeration. Furthermore, census takers were instructed to read the questions directly from the questionnaire in their telephone and personal visit interviews. The questionnaire pages containing the housing questions asked on a 100-percent basis and the additional questions asked on a sample basis, as well as the page of the respondent instruction sheet which relates to these questions, are reproduced on pages App-10 to App-13. The definitions and explanations given below for each subject are, to a considerable extent, drawn from various technical and procedural materials used in the collection of the data. This material helped the enumerative personnel to understand more fully the intent of each question and thus to resolve problem or unusual cases. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Comparability with 1960 data.—

Although the 1970 data are generally comparable with the data collected in 1960, certain changes have been introduced. The 1960 inquiry regarding owner occupancy has been subdivided to show a separate category for cooperatives and condominiums in 1970. The 1960 question on cooking equipment was broadened in 1970 to cover "complete kitchen facilities"; i.e., an installed sink with piped water, a range or cookstove, and a mechanical refrigerator. On the other hand, the 1960 question on condition of housing unit (i.e., sound, deteriorating, or dilapidated) was eliminated because of serious problems with response reliability.

Items which were added to the 1970 questionnaire are dishwasher and owned second home. The 1960 inquiry on television has been subdivided to provide separate information on television sets which can receive UHF broadcasts. The 1970 inquiry on radios is limited to battery-operated sets including car radios, whereas the 1960 inquiry covered radio sets of all kinds located in the unit. Data on television sets and radios are not given in this report; statistics on these appliances, however, are presented in the 1970 Housing Census, HC(1)-B reports.

There have also been changes in the scope of some of the tabulations. The tabulations on value and contract rent refer to slightly different sets of housing units in 1970 than in 1960. Summarized generally, the difference is that the 1970 data exclude units on places of 10 acres or more whereas the 1960 data exclude units on farms; more specific information can be obtained by comparing the value and rent definitions in the present report with those in 1960 Housing Census Volume I.

Data on elevator in structure were collected for all geographic areas in 1970. In 1960, statistics on elevator in structure were collected only for large places; that is, places which had a population of 50,000 or more in 1950 or in an interim census.

Separate data on a number of subjects are presented for occupied units with Negro head of household. In 1960, this type of tabulation related to the total of all household heads other than white; Negro household heads constituted 95 percent of this total in 1960 for the Nation as a whole, but this proportion varied widely among areas.

Separate data are also shown in this report for housing units occupied by heads of Spanish heritage, that is, household heads of Spanish language or Spanish surname in five Southwestern States (Arizona, California, Colorado, New Mexico, and Texas), heads of Puerto Rican birth or parentage in New York, New Jersey, and Pennsylvania, and heads of Spanish language in all other States. In 1960, household heads of Spanish surname were identified in the five Southwestern States and Puerto Rican heads of households were identified in all other States. More information on the 1970 definition is given in this report and in the 1970 Population Census Series PC(1)-C reports; the 1960 definition is more fully explained in the 1960 Census of Housing Volume 1 reports.

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house,

mobile home or trailer, etc.). Living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a watchman lives), as well as in tents, caves, old railroad cars, etc.

Housing units.—A housing unit is a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. Separate living quarters are those in which the occupants do not live and eat with any other persons in the structure and which have either (1) direct access from the outside of the building or through a common hall or (2) complete kitchen facilities for the exclusive use of the occupants. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the section on group quarters). For vacant units, the criteria of separateness, direct access, and complete kitchen facilities for exclusive use are applied to the intended occupants, whenever possible. If the information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing inventory, except that mobile homes, trailers, tents, caves, boats, railroad cars, and the like, are included only if they are occupied.

Group quarters.—Group quarters are living arrangements for institutional inmates or for other groups containing five or more persons not related to the person in charge. Group quarters are located most frequently in institutions, boarding houses, military barracks, college dormitories, fraternity and sorority houses, hospitals, mona-

steries, convents, and ships. A house or apartment is considered group quarters if it is shared by the person in charge and five or more persons unrelated to him, or if there is no person in charge, by six or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Rules for mobile homes, hotels, rooming houses, etc.—Mobile homes or trailers, tents, boats, or railroad cars are not enumerated if vacant, used only for business, or used only for vacations.

Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels, motels, and similar places in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have either direct access or complete kitchen facilities for exclusive use, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain four or fewer roomers unrelated to the head, they are classified as one housing unit; if the combined quarters contain five or more roomers unrelated to the head or person in charge, they are classified as group quarters. In a dormitory, residence hall, or similar place, living quarters of the supervisory staff and other employees are separate housing units if they satisfy the housing unit

criteria; other living quarters are considered group quarters.

Institutions.—Living quarters of staff personnel are separate housing units if they satisfy the housing unit criteria. Other living quarters are considered group quarters.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied housing units.—A housing unit is classified as occupied if a person or group of persons is living in it at the time of enumeration or if the occupants are only temporarily absent—for example, on vacation. However, if the persons staying in the unit have their usual place of residence elsewhere, the unit is classified as vacant.

A household consists of all the persons who occupy a housing unit. By definition, therefore, the count of occupied housing units is the same as the count of households in the 1970 Census of Population reports. In some cases, however, there may be small differences in the counts resulting from processing procedures.

Race.—The classification by race shown here refers to the race of the head of the household occupying the housing unit. Detailed characteristics of units with Negro head of household are presented in separate tables for SMSA's, cities or places having a Negro population of 25,000 or more. The concept of race as used by the Census Bureau does not denote clear-cut scientific definitions of biological stock. The data represent essentially self-classification by people according to the race with which they identify themselves.

Spanish heritage.—The inquiries in the 1970 census permit the identification of housing units occupied by heads of Spanish heritage by various means: birthplace, birthplace of parents, language, and surname. The specific types of identification are given below. A more detailed explanation is given in the 1970 Population Census PC(1)-C reports.

Puerto Rican birth or parentage.—Household heads of Puerto Rican birth or parentage are identified in the three Middle Atlantic States: New York, New Jersey, and Pennsylvania.

Spanish language or Spanish surname.—In five Southwestern States—Arizona, California, Colorado, New Mexico, and Texas—household heads of Spanish language or Spanish surname are identified. (A household head is classified as of Spanish language if the head or his wife reported Spanish as his or her mother tongue, i.e., the language spoken at home when the person was a child.)

Spanish language.—In all other States and the District of Columbia, household heads of Spanish language (as defined above) are identified.

Detailed characteristics of units with heads of Spanish heritage are presented in separate tables for SMSA's, cities or places having a population of 25,000 or more for the particular Spanish-heritage group.

Tenure.—(See facsimiles of questionnaire item H9 and instructions on pages App-10 and App-13.) A housing unit is "owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. A

cooperative or condominium unit is "owner occupied" only if the owner or co-owner lives in it. All other occupied units are classified as "renter occupied," including units rented for cash rent and those occupied without payment of cash rent.

Year moved into unit.—Data on year moved into unit are based on the information reported for the head of the household. The question refers to the year of latest move. Thus, if the head moved back into a unit he had previously occupied, the year of his latest move was to be reported; if he moved from one apartment to another in the same building, the year he moved into his present unit was to be reported. The intent is to establish the year the present occupancy by the head began. The year the head moves is not necessarily the same year other members of the household move, although in the great majority of cases the entire household moves at the same time.

Vacant housing units.—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. In addition, a vacant unit may be one which is occupied entirely by persons who have a usual residence elsewhere.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if unfit for human habitation; that is, if the roof, walls, windows, or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also

excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy status.—(See facsimile of questionnaire item C on page App-10.) Vacant housing units are classified as either "seasonal and migratory" or "year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year. Included are units intended for recreational use, such as beach cottages and hunting cabins, and vacant units held for herders and loggers. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season. "Year-round" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered year-round. A unit used only occasionally throughout the year is also considered year-round.

This report presents statistics for "year-round" vacant units on the market for sale or for rent. Excluded are "seasonal and migratory" vacant units, as well as "year-round" vacant units sold or rented but not yet occupied by the new owner or renter, units held for the occasional use of the owner, and units held off the market for other reasons.

Vacant for sale.—Vacant year-round units "for sale" also include vacant units in a cooperative or condominium building if the individual units are offered for sale only.

Vacant for rent.—Vacant year-round units "for rent" also include vacant units offered either for rent or for sale.

Duration of vacancy.—(See facsimile of questionnaire item D on page App-10.) The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration. The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

UTILIZATION CHARACTERISTICS

Persons.—All persons occupying the housing unit are counted. These persons include not only occupants related to the head of the household but also any lodgers, roomers, boarders, partners, wards, foster children, and resident employees who share the living quarters of the household head. The data on "persons" show the number of housing units occupied by the specified number of persons.

Units with one or more roomers, boarders, or lodgers are shown as a separate category. Not included as "roomers, boarders, or lodgers" are servants who live in, companions, partners, etc.

Rooms.—(See facsimiles of questionnaire item H4 and instructions on pages App-10 and App-13.) The statistics on "rooms" are in terms of the number of housing units with specified number of rooms. The intent of this question was to count the number of whole rooms used for living purposes. As stated on the questionnaire and instruction sheet, bathrooms, foyers,

utility rooms, unfinished attics or basements, etc., are not included in the count of rooms.

Persons per room.—"Persons per room" is computed for each occupied unit by dividing the number of persons in the unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of housing units having the specified ratio of persons per room.

Bedrooms.—(See facsimile of questionnaire item H26 on page App-12.) The number of bedrooms in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a hideaway bed, are not considered bedrooms. A housing unit consisting of only one room, such as one-room efficiency apartment, is classified, by definition, as having no bedroom.

STRUCTURAL AND PLUMBING CHARACTERISTICS

Direct access.—(See facsimiles of questionnaire item H2 and instructions on pages App-10 and App-13.) A housing unit is regarded as having direct access if there is (1) a direct entrance from the outdoors, or (2) an entrance from a hall, lobby, or vestibule which is usually used by the occupants of more than one unit or by the general public.

Complete kitchen facilities.—(See facsimiles of questionnaire item H3 and instructions on pages App-10 and App-13.) A unit has complete kitchen facilities when it has all three of the

following: (1) an installed sink with piped water, (2) a range or cookstove, and (3) a mechanical refrigerator.

All kitchen facilities must be located in the structure. They need not be in the same room. Quarters with only portable cooking equipment are not considered as having a range or cookstove. An icebox is not included as a mechanical refrigerator.

The kitchen facilities are for the exclusive use of the occupants (shown on the questionnaire as "for this household only") when they are used only by the occupants of one housing unit, including lodgers or other unrelated persons living in the unit. When a structure consists of only one housing unit, all equipment located inside the structure is classified, by definition, for exclusive use.

Year structure built.—(See facsimile of questionnaire item H15 on page App-11.) Year structure built refers to when the building was first constructed, not when it was remodeled, added to, or converted. The figures relate to the number of units in structures built during the specified periods and in existence at the time of enumeration.

Units in structure.—(See facsimiles of questionnaire item H16 and instructions on pages App-11 and App-13.) In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented in terms of the number of housing units in structures of specified type and size, not in terms of the number of residential structures.

A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. Structures containing

only one housing unit are further classified as detached or attached (as explained on the questionnaire and instruction sheet).

Mobile homes and trailers are shown as a separate category. When one or more rooms have been added to a mobile home or trailer it is classified as a one-family house. If, however, only a porch or shed has been added, it is still counted as a mobile home or trailer.

The data on units in structure shown in this report may differ from the comparable figures in the HC(1)-A report. The answers to item H16 on the sample questionnaire made it possible in the HC(2) tabulations to correctly classify as mobile homes or trailers those which were incorrectly classified as one-family houses or as housing units in multiunit structures in the HC(1)-A tabulations.

Elevator in structure.—(See facsimiles of questionnaire item H24 and instructions on pages App-12 and App-13.) Statistics on elevator in structure are presented in terms of the number of housing units in structures with four stories or more which have a passenger elevator. Units are in a "walk-up" structure of four stories or more if the structure has no passenger elevator or if the only elevator service is for freight.

Plumbing facilities.—(See facsimiles of questionnaire items H5, H6, and H7 and instructions on pages App-10 and App-13.) The category "with all plumbing facilities" consists of units which have hot and cold piped water inside the structure as well as a flush toilet and a bathtub or shower inside the structure for the exclusive use of the occupants of the unit. "Lacking some or all plumbing facilities" means that the unit does not have all three

specified plumbing facilities (hot and cold piped water, as well as flush toilet and bathtub or shower inside the structure), or that the toilet or bathing facilities are also for the use of the occupants of other housing units.

Complete bathrooms.—(See facsimile of questionnaire item H21 on page App-11.) A housing unit is classified as having a complete bathroom if it has a room with a flush toilet and bathtub or shower for the exclusive use of the occupants of the unit and a wash basin, as well as piped hot water in the structure. (Although the instructions on the questionnaire do not specify that a complete bathroom must have hot water, this requirement was applied during the processing of the data in an edit combining the items on complete bathrooms and piped water in structure.) A half bathroom has either a flush toilet or a bathtub or shower for exclusive use, but does not have all the facilities for a complete bathroom.

The category "none or also used by another household" consists of units with no bathroom facilities, units with only a half bathroom, and units with bathroom facilities which are also for the use of the occupants of other housing units.

EQUIPMENT, FUELS, AND APPLIANCES

Heating equipment.—(See facsimiles of questionnaire item H14 and instructions on pages App-11 and App-13.) "Steam or hot water" refers to a central heating system in which heat from steam or hot water is delivered through radiators or other outlets. "Warm-air furnace" refers to a central system which provides warm air through ducts leading to various rooms; central heat pumps are

included in this category. "Built-in electric units" are permanently installed in floors, walls, or ceilings. A "floor, wall, or pipeless furnace" delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. "Other means" includes room heaters with or without flue, fireplaces, stoves, and portable heaters of all types.

For vacant units from which the heating equipment had been removed, the equipment used by the last occupants was to be reported.

Air conditioning.—(See facsimiles of questionnaire item H22 and instructions on pages App-11 and App-13.) Air conditioning is defined as the cooling of air by a refrigeration unit; excluded are evaporative coolers, fans, or blowers which are not connected to a refrigeration unit. A central system is a central installation which air-conditions the entire housing unit. In an apartment building, a central system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A central installation with individual room controls is a central air-conditioning system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room.

Automobiles available.—(See facsimiles of questionnaire item H23 and instructions on pages App-11 and App-13.) Statistics on automobiles available represent the number of passenger automobiles, including station wagons, which are owned or regularly used by any member of the household and

which are ordinarily kept at home. Taxicabs, pickups, or larger trucks were not to be counted. The figures include leased automobiles and company-owned automobiles kept at home. The statistics, therefore, do not reflect the number of automobiles privately owned or the number of households owning automobiles.

Appliances.—(See facsimiles of questionnaire items H27 and instructions on pages App-12 and App-13.)

Automatic clothes washing machine.—This category describes a machine that washes, rinses, and damp dries in the same tub; washer-dryer combinations are included in this group.

Clothes dryer.—A clothes dryer is a mechanical appliance in which clothes are dried by heated air. A unit with a washer-dryer combination is classified as having a clothes dryer (as well as an automatic clothes washing machine.)

Dishwasher.—This category includes both built-in and portable dishwashers.

Home food freezer.—A home food freezer is an appliance, separate from the refrigerator, designed for freezing food and for storing frozen food.

Owned second home.—(See facsimiles of questionnaire item H30 and instructions on pages App-12 and App-13.) A second home may be a single-family house, vacation cottage, hunting cabin, ski lodge, etc., which is owned and held for use sometime during the year by the owner or members of his household. Second homes may also be owned in partnership with members of a different household. The figures include second homes which are some-

times rented or leased on a short-term basis to other persons but are principally held for the owner's occasional use during the year.

The statistics refer to the number of households that own (one or more) second homes. The data, therefore, do not reflect the number of owned second homes.

FINANCIAL CHARACTERISTICS

Value.—(See facsimiles of questionnaire item H11 and instructions on pages App-10 and App-13.) Value is the respondent's estimate of how much the property (house and lot) would sell for if it were for sale. The statistics on value are shown only for one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The value tabulations also exclude mobile homes and trailers and units in cooperatives and condominiums.

As stated in the section on "units in structure," certain mobile homes and trailers were incorrectly classified as one-family houses in the HC(1)-A tabulations. In the HC(2) reports, the number of specified owner-occupied (one-family) units and the value tabulations correctly exclude the misclassified mobile homes and trailers; these tend to be at the lower end of the value distribution. As a result, the data on value shown in this report may differ from the comparable statistics in the HC(1)-A report.

Sales price asked.—For vacant units, the sales price is the amount asked for the property at the time of enumeration. The statistics on sales price are shown only for vacant for sale one-family houses on less than 10 acres without a commercial establishment or medical office on the property.

Gross rent.—(See facsimiles of questionnaire items H12 and H13 and instructions on pages App-10, 11, and 13.) The computed rent termed "gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, water) and fuels (oil, coal, kerosene, wood, etc.), if these items are paid for by the renter (or paid for him by someone else, such as a relative, welfare agency, or friend) in addition to rent. Contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included. Thus, gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuel as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but they are converted to monthly figures in the computation process.

The statistics on rent exclude one-family houses on ten acres or more. Renter units occupied without payment of cash rent are shown separately as "no cash rent" in the rent tabulations.

Rent asked.—For vacant units, the rent is the amount asked for the unit at the time of enumeration. The data are for vacant year-round units for rent, excluding one-family houses on ten acres or more. In table 10, data are provided for two kinds of vacant-for-rent units—those for which the rent includes payment for all utilities and fuel, and those for which the rent includes only some or none of the utilities and fuel. See section on "Gross rent" above for discussion of utilities and fuel.

Value-income ratio.—The value-income ratio is computed by dividing the value

of the housing unit by the total income in 1969 of the family or primary individual. The ratio is presented for the same owner-occupied units for which value was tabulated; thus, the statistics on value-income ratio reflect the exclusion of certain owner-occupied units. The ratio was computed separately for each unit and was rounded to the nearest tenth. In reporting value, respondents were asked to select an appropriate class interval. The midpoints of the value intervals were used in the computation of the value-income ratio, except that a mean of \$3,500 was assigned for values less than \$5,000 and a mean of \$60,000 was assigned for values of \$50,000 or more. For income, the dollar amounts were used. Units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

Gross rent as percentage of income.—The yearly gross rent (monthly gross rent multiplied by 12) is expressed as a percentage of the total income in 1969 of the family or primary individual. The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics on gross rent as percentage of income reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. For gross rent, the dollar amounts were used in the computation except that \$999 was assigned for monthly rentals of \$1,000 or more. For income, the dollar amounts were used. Units for which no cash rent is paid and units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

HOUSEHOLD CHARACTERISTICS

Head of household.—One person in each household is designated as the "head," that is, the person who is regarded as the head by the members of the household. However, if a married woman living with her husband is reported as the head, her husband was considered the head for the purpose of simplifying the tabulations.

Household composition.—Statistics by age of head are presented separately for two-or-more person households and for one-person households. Households having two or more persons are further subdivided as follows:

Male head, wife present, no non-relatives.—Each household in this group consists of the head and his wife, and other persons, if any, all of whom are related to him.

Other male head.—This category includes households with male head, wife present, with non-relatives living with them; male heads who are married, but with wife absent because of separation or other reason where husband and wife maintain separate residences; and male heads who are widowed, divorced, or single.

Female head.—This group comprises households with female heads regardless of their marital status. Included are female heads with no spouse and female heads whose husbands are living away from their families, as for example, husbands in the Armed Forces living on military installations.

Households consisting of only one person are shown separately as "one-person households" and are not included in the subcategories "other male head" and "female head."

Nonrelative.—A nonrelative of the head is any person in the household who is not related to the head by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards, and foster children are included in this category.

Family or primary individual.—Housing units are occupied by either "families" or "primary individuals." The term "family" refers to the head of a household and all (one or more) other persons living in the same household who are related to the head by blood, marriage, or adoption. If the head lives alone or with nonrelatives only, then the head is considered a "primary individual."

Married couples related to the head of a family are included in the family and are not considered as separate families. A lodger, servant, or other person unrelated to the head is considered a member of the household but not of the family.

In the statistics on household composition, families are always included in one of the three major groups of two-or-more person households. Primary individuals with nonrelatives living with them are tabulated as "other male head" or "female head." Primary individuals living alone are always tabulated as "one-person households."

Income in 1969.—Income is the sum of the amounts reported for wage and salary income, net self-employment income, Social Security or railroad retirement income, public assistance or welfare income, and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, health insurance premiums, Medicare deductions, etc.

In this report, the statistics relate to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Incomes of persons living in the unit but not related to the head of the household are not included in this sum. Although the income statistics cover the calendar year 1969, the characteristics of the household refer to the time of enumeration (April 1970). Thus, the income of the family does not include amounts received by persons who were members of the family during all or part of the calendar year 1969 if these persons no longer resided with the family at the time of the census. On the other hand, family income includes amounts reported by related persons who did not reside with the family during 1969 but who were members of the family at the time of enumeration. For most families, however, the income reported was received by persons who were members of the family throughout 1969.

Wage or salary income is defined as the total money earnings received for work performed as an employee at any time during the calendar year 1969. It includes wages, salary, pay from Armed Forces, commissions, tips, piece rate payments, and cash bonuses earned. Net self-employment income is defined as net money income (gross receipts minus operating expenses) received from a business, farm, professional enterprise, or partnership in which the person was engaged on his own account.

Social Security or railroad retirement income includes cash receipts of Social Security pensions, survivors' benefits, permanent disability insurance payments, and special benefit payments made by the Social Security Administration. Cash receipt of retire-

ment, disability, and survivors' benefit payments made by the U.S. Government under the Railroad Retirement Act are also included. Public assistance income includes cash receipts of payments made under the following public assistance programs: Aid to families with dependent children, old age assistance, general assistance, aid to the blind, and aid to the permanently and totally disabled. Separate payments received for hospital or other medical care are not included.

Income from all other sources includes money income received from sources such as interest; dividends; net income (or loss) from property rentals; net receipts from roomers or boarders; veteran's payments; public or private pensions; periodic receipts from insurance policies or annuities; unemployment insurance benefits; workmen's compensation cash benefits; net royalties; periodic payments from estates and trust funds; alimony or child support from persons who are not members of the household; net gambling gains; nonservice scholarships and fellowships; and money received for transportation and/or subsistence by persons participating in special governmental training programs, e.g., under the Manpower Development and Training Act.

Receipts from the following sources were not included as income: Money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" such as food produced and consumed in the home or free living quarters; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts. (A more detailed discussion of income is given in the 1970 Population Census, PC(1)-C reports.)

APPENDIX B—Continued

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES
(Questions on this page appeared on both the 15-percent and 5-percent questionnaires)

<p>A. How many living quarters, occupied and vacant, are at this address?</p> <p><input type="radio"/> One</p> <p><input type="radio"/> 2 apartments or living quarters</p> <p><input type="radio"/> 3 apartments or living quarters</p> <p><input type="radio"/> 4 apartments or living quarters</p> <p><input type="radio"/> 5 apartments or living quarters</p> <p><input type="radio"/> 6 apartments or living quarters</p> <p><input type="radio"/> 7 apartments or living quarters</p> <p><input type="radio"/> 8 apartments or living quarters</p> <p><input type="radio"/> 9 apartments or living quarters</p> <p><input type="radio"/> 10 or more apartments or living quarters</p> <p><input type="radio"/> This is a mobile home or trailer</p>	<p>H9. Are your living quarters—</p> <p><input type="radio"/> Owned or being bought by you or by someone else in this household? <i>Do not include cooperatives and condominiums here.</i></p> <p><input type="radio"/> A cooperative or condominium which is owned or being bought by you or by someone else in this household?</p> <p><input type="radio"/> Rented for cash rent?</p> <p><input type="radio"/> Occupied without payment of cash rent?</p>	<p style="text-align: center;">FOR CENSUS ENUMERATOR'S USE ONLY</p> <table border="1"> <thead> <tr> <th>a4. Block number</th> <th>a5. Serial number</th> </tr> </thead> <tbody> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td></tr> </tbody> </table>	a4. Block number	a5. Serial number	0	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9
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<p><i>Answer these questions for your living quarters</i></p> <p>H1. Is there a telephone on which people in your living quarters can be called?</p> <p><input type="radio"/> Yes — What is the number? _____</p> <p style="text-align: right;"><i>Phone number</i></p>	<p>H10a. Is this building a one-family house?</p> <p><input type="radio"/> Yes, a one-family house</p> <p><input type="radio"/> No, a building for 2 or more families or a mobile home or trailer</p> <p>b. If "Yes"— Is this house on a place of 10 acres or more, or is any part of this property used as a commercial establishment or medical office?</p> <p><input type="radio"/> Yes, 10 acres or more</p> <p><input type="radio"/> Yes, commercial establishment or medical office</p> <p><input type="radio"/> No, none of the above</p>																							
<p>H2. Do you enter your living quarters—</p> <p><input type="radio"/> Directly from the outside or through a common or public hall?</p> <p><input type="radio"/> Through someone else's living quarters?</p>	<p>H11. If you live in a one-family house which you own or are buying—</p> <p>What is the value of this property; that is, how much do you think this property (house and lot) would sell for if it were for sale?</p> <p><input type="radio"/> Less than \$5,000</p> <p><input type="radio"/> \$5,000 to \$7,499</p> <p><input type="radio"/> \$7,500 to \$9,999</p> <p><input type="radio"/> \$10,000 to \$12,499</p> <p><input type="radio"/> \$12,500 to \$14,999</p> <p><input type="radio"/> \$15,000 to \$17,499</p> <p><input type="radio"/> \$17,500 to \$19,999</p> <p><input type="radio"/> \$20,000 to \$24,999</p> <p><input type="radio"/> \$25,000 to \$34,999</p> <p><input type="radio"/> \$35,000 to \$49,999</p> <p><input type="radio"/> \$50,000 or more</p> <p style="font-size: small;"><i>If this house is on a place of 10 acres or more, or if any part of this property is used as a commercial establishment or medical office, do not answer this question.</i></p>	<p>B. Type of unit or quarters</p> <p>Occupied</p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p>Vacant</p> <p><input type="radio"/> Regular</p> <p><input type="radio"/> Usual residence elsewhere</p> <p>Group quarters</p> <p><input type="radio"/> First form</p> <p><input type="radio"/> Continuation</p> <p><i>For a vacant unit, also fill C, D, A, H2 to H8, and H10 to H12</i></p>																						
<p>H3. Do you have complete kitchen facilities?</p> <p><i>Complete kitchen facilities are a sink with piped water, a range or cook stove, and a refrigerator.</i></p> <p><input type="radio"/> Yes, for this household only</p> <p><input type="radio"/> Yes, but also used by another household</p> <p><input type="radio"/> No complete kitchen facilities for this household</p>	<p>H12. Answer this question if you pay rent for your living quarters.</p> <p>a. If rent is paid by the month—</p> <p>What is the monthly rent?</p> <p>Write amount here — \$ _____ .00 (Nearest dollar)</p> <p>and</p> <p>Fill one circle</p> <p><input type="radio"/> Less than \$30</p> <p><input type="radio"/> \$30 to \$39</p> <p><input type="radio"/> \$40 to \$49</p> <p><input type="radio"/> \$50 to \$59</p> <p><input type="radio"/> \$60 to \$69</p> <p><input type="radio"/> \$70 to \$79</p> <p><input type="radio"/> \$80 to \$89</p> <p><input type="radio"/> \$90 to \$99</p> <p><input type="radio"/> \$100 to \$119</p> <p><input type="radio"/> \$120 to \$149</p> <p><input type="radio"/> \$150 to \$199</p> <p><input type="radio"/> \$200 to \$249</p> <p><input type="radio"/> \$250 to \$299</p> <p><input type="radio"/> \$300 or more</p>	<p>C. Vacancy status</p> <p>Year round—</p> <p><input type="radio"/> For rent</p> <p><input type="radio"/> For sale only</p> <p><input type="radio"/> Rented or sold, not occupied</p> <p><input type="radio"/> Held for occasional use</p> <p><input type="radio"/> Other vacant</p> <p><input type="radio"/> Seasonal</p> <p><input type="radio"/> Migratory</p>																						
<p>H4. How many rooms do you have in your living quarters?</p> <p><i>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</i></p> <p><input type="radio"/> 1 room</p> <p><input type="radio"/> 2 rooms</p> <p><input type="radio"/> 3 rooms</p> <p><input type="radio"/> 4 rooms</p> <p><input type="radio"/> 5 rooms</p> <p><input type="radio"/> 6 rooms</p> <p><input type="radio"/> 7 rooms</p> <p><input type="radio"/> 8 rooms</p> <p><input type="radio"/> 9 rooms or more</p>	<p>b. If rent is not paid by the month—</p> <p>What is the rent, and what period of time does it cover?</p> <p>\$ _____ .00 per _____</p> <p style="text-align: center;"><i>(Nearest dollar) (Week, half-month, year, etc.)</i></p>	<p>D. Months vacant</p> <p><input type="radio"/> Less than 1 month</p> <p><input type="radio"/> 1 up to 2 months</p> <p><input type="radio"/> 2 up to 6 months</p> <p><input type="radio"/> 6 up to 12 months</p> <p><input type="radio"/> 1 year up to 2 years</p> <p><input type="radio"/> 2 years or more</p> <p>C/O <input type="radio"/> <input type="radio"/></p>																						

APPENDIX B—Continued

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES
(Percent indicates sample size)

<p>H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, electricity not used</p> <p>b. Gas?</p> <p><input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, gas not used</p> <p>c. Water?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent or no charge</p> <p>d. Oil, coal, kerosene, wood, etc.?</p> <p><input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost</p> <p><input type="radio"/> No, included in rent</p> <p><input type="radio"/> No, these fuels not used</p>	<p>H19. Do you get water from—</p> <p><input type="radio"/> A public system (city water department, etc.) or private company?</p> <p><input type="radio"/> An individual well?</p> <p><input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</p>
<p>H14. How are your living quarters heated? Fill <u>one</u> circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system</p> <p><input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump</p> <p><input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard)</p> <p><input type="radio"/> Floor, wall, or pipeless furnace</p> <p><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</p> <p><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</p> <p><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</p> <p>In some other way—Describe → _____</p> <p><input type="radio"/> None, unit has no heating equipment</p>	<p>H20. Is this building connected to a public sewer?</p> <p><input type="radio"/> Yes, connected to public sewer</p> <p><input type="radio"/> No, connected to septic tank or cesspool</p> <p><input type="radio"/> No, use other means</p>
<p>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1950 to 1959</p> <p><input type="radio"/> 1965 to 1968 <input type="radio"/> 1940 to 1949</p> <p><input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier</p>	<p>H21. How many bathrooms do you have? A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water. A half bathroom has at least a flush toilet or bathtub or shower, but does <u>not</u> have all the facilities for a complete bathroom.</p> <p><input type="radio"/> No bathroom, or only a half bathroom</p> <p><input type="radio"/> 1 complete bathroom</p> <p><input type="radio"/> 1 complete bathroom, plus half bath(s)</p> <p><input type="radio"/> 2 complete bathrooms</p> <p><input type="radio"/> 2 complete bathrooms, plus half bath(s)</p> <p><input type="radio"/> 3 or more complete bathrooms</p>
<p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house</p> <p><input type="radio"/> A one-family house attached to one or more houses</p> <p><input type="radio"/> A building for 2 families</p> <p><input type="radio"/> A building for 3 or 4 families</p> <p><input type="radio"/> A building for 5 to 9 families</p> <p><input type="radio"/> A building for 10 to 19 families</p> <p><input type="radio"/> A building for 20 to 49 families</p> <p><input type="radio"/> A building for 50 or more families</p> <p><input type="radio"/> A mobile home or trailer</p> <p>Other— Describe _____</p>	<p>H22. Do you have air-conditioning?</p> <p><input type="radio"/> Yes, 1 individual room unit</p> <p><input type="radio"/> Yes, 2 or more individual room units</p> <p><input type="radio"/> Yes, a central air-conditioning system</p> <p><input type="radio"/> No</p>
<p>H17. Is this building—</p> <p><input type="radio"/> On a city or suburban lot?— Skip to H19</p> <p><input type="radio"/> On a place of less than 10 acres?</p> <p><input type="radio"/> On a place of 10 acres or more?</p>	<p>H23. How many passenger automobiles are owned or regularly used by members of your household? Count company cars kept at home.</p> <p><input type="radio"/> None</p> <p><input type="radio"/> 1 automobile</p> <p><input type="radio"/> 2 automobiles</p> <p><input type="radio"/> 3 automobiles or more</p>
<p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None)</p> <p><input type="radio"/> \$50 to \$249</p> <p><input type="radio"/> \$250 to \$2,499</p> <p><input type="radio"/> \$2,500 to \$4,999</p> <p><input type="radio"/> \$5,000 to \$9,999</p> <p><input type="radio"/> \$10,000 or more</p>	

15 and 5 percent

15 percent

APPENDIX B—Continued

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES
(Percent indicates sample size)

15 and 5 percent

5 percent

<p>H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for—</p> <p>a. Electricity? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost <input type="radio"/> No, included in rent <input type="radio"/> No, electricity not used</p> <p>b. Gas? <input type="radio"/> Yes, average monthly cost is → \$ _____ .00 Average monthly cost <input type="radio"/> No, included in rent <input type="radio"/> No, gas not used</p> <p>c. Water? <input checked="" type="checkbox"/> <input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost <input type="radio"/> No, included in rent or no charge</p> <p>d. Oil, coal, kerosene, wood, etc.? <input type="radio"/> Yes, yearly cost is → \$ _____ .00 Yearly cost <input type="radio"/> No, included in rent <input type="radio"/> No, these fuels not used</p>	<p>H24a. How many stories (floors) are in this building? <input type="radio"/> 1 to 3 stories <input type="radio"/> 4 to 6 stories <input type="radio"/> 7 to 12 stories <input checked="" type="radio"/> 13 stories or more</p> <p>b. If 4 or more stories— Is there a passenger elevator in this building? <input type="radio"/> Yes <input type="radio"/> No</p>
<p>H14. How are your living quarters heated? Fill one circle for the kind of heat you use most.</p> <p><input type="radio"/> Steam or hot water system <input type="radio"/> Central warm air furnace with ducts to the individual rooms, or central heat pump <input type="radio"/> Built-in electric units (permanently installed in wall, ceiling, or baseboard) <input checked="" type="checkbox"/> <input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind In some other way—Describe → _____ <input type="radio"/> None, unit has no heating equipment</p>	<p>H25a. Which fuel is used most for cooking? <input checked="" type="checkbox"/> From underground pipes serving the neighborhood. <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p> <p>b. Which fuel is used most for house heating? <input checked="" type="checkbox"/> From underground pipes serving the neighborhood. <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p>
<p>H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p><input type="radio"/> 1969 or 1970 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1965 to 1968 <input checked="" type="radio"/> 1940 to 1949 <input type="radio"/> 1960 to 1964 <input type="radio"/> 1939 or earlier</p>	<p>c. Which fuel is used most for water heating? <input checked="" type="checkbox"/> From underground pipes serving the neighborhood. <input type="radio"/> Bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc.</p> <p><input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used</p> <p>H26. How many bedrooms do you have? Count rooms used mainly for sleeping even if used also for other purposes.</p> <p><input type="radio"/> No bedroom <input type="radio"/> 3 bedrooms <input type="radio"/> 1 bedroom <input checked="" type="radio"/> 4 bedrooms <input type="radio"/> 2 bedrooms <input type="radio"/> 5 bedrooms or more</p>
<p>H16. Which best describes this building? Include all apartments, flats, etc., even if vacant.</p> <p><input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input checked="" type="radio"/> A building for 10 to 19 families <input checked="" type="checkbox"/> <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A mobile home or trailer Other— Describe _____</p>	<p>H27a. Do you have a clothes washing machine? <input type="radio"/> Yes, automatic or semi-automatic <input type="radio"/> Yes, wringer or separate spinner <input type="radio"/> No</p> <p>b. Do you have a clothes dryer? <input type="radio"/> Yes, electrically heated <input type="radio"/> Yes, gas heated <input checked="" type="radio"/> No</p> <p>c. Do you have a dishwasher (built-in or portable)? <input type="radio"/> Yes <input type="radio"/> No</p> <p>d. Do you have a home food freezer which is separate from your refrigerator? <input type="radio"/> Yes <input type="radio"/> No</p>
<p>H17. Is this building— <input type="radio"/> On a city or suburban lot?—Skip to H24 <input type="radio"/> On a place of less than 10 acres? <input type="radio"/> On a place of 10 acres or more?</p>	<p>H28a. Do you have a television set? Count only sets in working order. <input type="radio"/> Yes, one set <input type="radio"/> Yes, two or more sets <input type="radio"/> No</p> <p>b. If "Yes"—Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83? <input type="radio"/> Yes <input checked="" type="radio"/> No</p>
<p>H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—</p> <p><input type="radio"/> Less than \$50 (or None) <input checked="" type="checkbox"/> <input type="radio"/> \$2,500 to \$4,999 <input type="radio"/> \$50 to \$249 <input type="radio"/> \$5,000 to \$9,999 <input type="radio"/> \$250 to \$2,499 <input type="radio"/> \$10,000 or more</p>	<p>H29. Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation. <input type="radio"/> Yes, one or more <input type="radio"/> No</p> <p>H30. Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year? <input type="radio"/> Yes <input type="radio"/> No</p>

APPENDIX B—Continued

FACSIMILE OF THE RESPONDENT INSTRUCTIONS FOR THE HOUSING QUESTIONS IN THE 1970 CENSUS

If you live in an apartment building and you do not know the answers to questions H14, H15, H16, and H25, ask the person who runs your building (for example, the manager, rental agent, superintendent, janitor, etc.).

- A.** Mark only one circle. This address means the house or building number where your living quarters are located.
- H1.** Mark **Yes** and enter telephone number, even if the telephone is in another apartment or building.
- H2.** Mark the second circle only if you **must** go through someone else's living quarters to get to your own.
- H3.** The kitchen sink, stove, and refrigerator do **not** have to be in the same room.
Also used by another household means that someone else who lives in the same building, but is not a member of your household, also uses the equipment. Mark this circle also if the occupants of living quarters now vacant would also use the equipment.
- H4.** Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do **not** count kitchenettes, strip or pullman kitchens; utility rooms; or unfinished attics, basements, or other space used for storage.
- H5.** Mark **hot water** even if you have it only part of the time.
- H6, H7.** See instructions for H3 for meaning of **Also used by another household**.
- H8.** A house has a **basement** if there is enclosed space in which persons can walk upright under all or part of the building. A house on a **concrete slab** has no basement and no air or crawl space below it. A house built in **another way** is one directly on the ground or resting on a foundation or posts to provide crawl space.
- H9.** **Owned or being bought** means that the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.
Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.
Occupied without payment of cash rent includes, for example, a parsonage, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H10.** A **commercial establishment** is easily recognized from the outside; for example, a grocery store or barber shop. A **medical office** is a doctor's or dentist's office regularly visited by patients. If your house is on a place of 10 acres or more and also contains a commercial establishment or medical office, mark **Yes, 10 acres or more**.
- H11.** Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the land.
- H12.** Report the rent agreed to or contracted for, even if the furnishings, utilities, or services are included.
a. If you pay rent by the month, write in the amount of rent and fill one circle.
b. If rent is not paid by the month, answer both parts of **b.** For example, \$20 per week, \$1,500 per year, etc.
- H13.** If exact costs are not known, estimate as closely as possible. Report amounts even if bills are unpaid or are paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket () the two utilities.
- H14.** This question refers to the type of heating equipment and not to the fuel used.
A **heat pump** is sometimes known as a **reverse cycle** system.
A **floor, wall, or pipeless furnace** delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. These furnaces do not have ducts leading to other rooms.
Any heater that you plug into an electric outlet should be counted as a **portable room heater**—not a built-in electric unit.
- H16.** Count all occupied and vacant living quarters in the house or building, but not stores or office space.
Detached means there is open space on all sides, or the house is joined only to a shed or garage. **Attached** means that the house is joined to another house or building by at least one wall which goes from ground to roof.
- H17.** A **city or suburban lot** is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a **city or suburban lot**.
A **place** is a farm, ranch, or any other property, other than a city or suburban lot, on which this **residence** is located.
- H18.** Fill the circle for the total (gross) amount of money received from the sales of crops, livestock, and other farm products produced on this place during the calendar year 1969.
- H19.** If a well provides water for six or more houses or apartments, mark a **public system**. If a well provides water for five or fewer houses or apartments, mark an **individual well**.
- H20.** A **public sewer** is operated by a government body or a private organization. A **septic tank or cesspool** is an underground tank or pit used for disposal of sewage.
- H22.** Count only equipment with a refrigeration unit to cool the air. Mark an **individual room unit** for air conditioners which are installed in a window or in an outside wall and are used to cool one or more rooms. Mark a **central system** for a central installation which cools the entire house or apartment.
- H23.** Do not count cars permanently out of working order. Also do not count taxicabs, pickups, or larger trucks.
- H24a.** Do not count a basement as a story.
b. Do not count elevators used only for freight.
- H25.** Gas from **underground pipes** is piped in from a central system such as a public utility company or a municipal government. **Bottled, tank, or LP gas** is stored in tanks which are refilled or exchanged when empty. **Other fuel** includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.
- H27.** Mark the **Yes** circle whether you own the appliance or it is provided as part of the equipment in your living quarters. Do **not** count coin-operated equipment or appliances in storage.
- H28.** Count any set **equipped** to receive UHF (ultra high frequency) broadcasts, even if there are no such broadcasts in your area. Include sets that can be tuned directly to channels 14 to 83 and sets that receive UHF broadcasts by means of a converter. Also include sets that receive UHF broadcasts through a community antenna (CATV) or master antenna.
- H29.** A battery-operated radio is one that can be run on batteries and does not need to be plugged into an electric socket. Include battery-operated sets owned by any member of the household.
- H30.** Do not count vacation trailers, tents, or boats. Also do not count second homes used only for investment purposes.

Appendix C.—ACCURACY OF THE DATA

SOURCES OF ERROR.....	App-14
EDITING OF UNACCEPTABLE DATA	App-14
SAMPLE DESIGN	App-14
RATIO ESTIMATION	App-15
SAMPLING VARIABILITY	App-16

SOURCES OF ERROR

Human and mechanical errors occur in any mass statistical operation such as a decennial census. Errors during the data collection phase can include failure to obtain required information from respondents, obtaining incorrect or inconsistent information, and recording information in the wrong place or incorrectly. Errors can also occur during the field review of the enumerator's work, the clerical handling of the questionnaires, the manual editing and coding operations, and the various stages of the electronic processing of the material. Careful efforts are made in every census to keep the errors in each step at an acceptably low level. Quality control and check measures are utilized throughout the census operation. As was done for the 1950 and 1960 censuses, evaluative material on many aspects of the 1970 census will be published as soon as the appropriate data are accumulated and analyzed. A major concern in the evaluation work is to ascertain, insofar as possible, the degree of completeness of the count of both population and housing units.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the Nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

Whenever information was missing, an allocation procedure was used to assign an entry, thereby eliminating the need for a "not reported" category in the tabulations. The assignment was based on related information reported for the housing unit or on information reported for a similar unit in the immediate neighborhood. For example, if tenure for an occupied unit was omitted but a rental amount was reported, the computer automatically edited tenure to "rented for cash rent." On the other hand, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit.

A similar procedure was used when the information reported for an item was inconsistent with other information reported for the unit. For example, if a housing unit was enumerated as having no piped water but having both a bathtub (or shower) and flush toilet for the exclusive use of the occupants of the unit, the computer edited water supply to "hot and cold water," a category considered to be consistent with the reported bathing and toilet facilities.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper micro-filming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

The extent of allocations for non-responses and inconsistencies is given

for SMSA's and places in the allocation tables in the 1970 Population Census PC(1)-B and PC(1)-C reports, and in the Housing Census HC(1)-A and HC(1)-B reports.

SAMPLE DESIGN

For sample data collected in the 1970 census, the housing unit, including all its occupants, was the sampling unit; for persons in group quarters identified in advance of the census, it was the person. In non-mail areas, the enumerator canvassed his assigned area and listed all housing units in an address register sequentially in the order in which he first visited the units, whether or not he completed the interview. Every fifth line of the address register was designated as a sample line, and the housing units listed on these lines were included in the sample. Each enumerator was given a random line on which he was to start listing and the order of canvassing was indicated in advance, although the instructions allowed some latitude in the order of visiting addresses. In mail areas, the list of housing units was prepared prior to Census Day either by employing commercial mailing lists corrected through the cooperation of the post office or by listing the units in a process similar to that used in non-mail areas. As in other areas, every fifth housing unit on these lists was designated to be in the sample. In group quarters, all persons were listed and every fifth person was selected for the sample; as indicated in Appendix B, information on the housing characteristics of group quarters was not collected in the census.

This 20-percent sample was subdivided into a 15-percent and a 5-percent sample by designating every fourth 20-percent sample unit as a

APPENDIX C—Continued

member of the 5-percent sample. The remaining sample units became the 15-percent sample. Two types of sample questionnaires were used, one for the 5-percent and one for the 15-percent sample units. Some questions were included on both the 5-percent and 15-percent sample forms and therefore appear for a sample of 20 percent of the units in the census. Other items appeared on either the 15-percent or the 5-percent questionnaires. The sample rates for the various items appearing in this report are shown in table A.

Although the sampling procedure did not automatically insure an exact 20-percent sample of persons or housing units in each locality, the sample design was unbiased if carried through according to instructions; generally for larger areas the deviation from 20 percent was found to be quite small. Biases may have arisen, however, when the enumerator failed to follow his listing and sampling instructions exactly. Quality control procedures were used throughout the census process, and where there was clear evidence that the sampling proce-

dures were not properly followed, some enumerators' assignments were returned to the field for resampling. Estimates for the United States as a whole indicate that 19.6 percent of the total population and 19.7 percent of the total housing units were enumerated on sample questionnaires. The computation of these proportions excluded several classes of the population and housing units for which no attempt at sampling was made. These were the relatively small numbers of persons and housing units (in most States, less than one percent) added to the enumeration from the post-census post office check, the various supplemental forms, and the special check of vacant units. However, the ratio estimation procedure described below adjusts the sample data to reflect these classes of population and housing units.

TABLE A. Sample Rate for Subjects Included in This Report

Subject	Sample rate (percent)	Subject	Sample rate (percent)
OCCUPANCY CHARACTERISTICS		EQUIPMENT AND APPLIANCES	
Occupied housing units	20	Heating equipment	20
Tenure	20	Air conditioning	15
Race	20	Automobiles available	15
Spanish heritage	15	Second home	5
Year moved into unit	15	Clothes washing machine	5
		Clothes dryer	5
		Dishwasher	5
		Home food freezer	5
VACANCY CHARACTERISTICS		FINANCIAL CHARACTERISTICS	
Vacant for sale	20	Value	20
Vacant for rent	20	Sales price asked	20
Duration of vacancy	20	Gross rent	20
		Rent asked	20
		Inclusion of utilities	
		in rent	20
		Value-income ratio	20
		Gross rent as percentage	
		of income	20
UTILIZATION CHARACTERISTICS		HOUSEHOLD CHARACTERISTICS	
Number of rooms	20	Household composition	20
Size of household (persons)	20	Income	20
Persons per room	20		
Bedrooms	5		
PLUMBING CHARACTERISTICS			
Plumbing facilities	20		
Complete bathrooms	15		
STRUCTURAL CHARACTERISTICS			
Complete kitchen			
facilities	20		
Access	20		
Units in structure	20		
Mobile home or trailer	20		
Year structure built	20		
Elevator in structure	5		

RATIO ESTIMATION

The statistics based on 1970 census sample data are estimates made through the use of ratio estimation procedures which were applied separately for the 5-, 15-, and 20-percent samples. The first step in carrying through the ratio estimates was to establish the areas within which separate ratios were to be prepared. These are referred to as "weighting areas." For the 15- and 20-percent samples the weighting areas contained a minimum population size of 2,500. The weighting areas used for the 5-percent ratio estimate were larger areas having a minimum population size of 25,000 and comprising combinations of the weighting areas used for the 15- and 20-percent samples. Weighting areas were established by a mechanical operation on the computer and were defined to conform, as nearly as possible, to areas for which tabulations are produced. Where these areas do

not agree (primarily for smaller areas), there may be some differences between complete counts and sample estimates.

The ratio estimation process operated in two stages for occupied housing units, and in one stage for vacant units. The first stage for occupied units employed 18 household-type groups (the first of which was empty by definition); the second stage for occupied units used four groups: owner- and renter-occupied units, by race. The single stage for vacant units employed three groups: year-round vacant for sale, year-round vacant for rent, and other vacant.

Group

Occupied housing units:

STAGE I

	<i>Male Head With Own Children Under 18</i>
1	1-person household
2	2-person household
3	3-person household
.	.
.	.
6	6-or-more-person household
	<i>Male Head Without Own Children Under 18</i>
7-12	1-person to 6-or-more-person households
	<i>Female Head</i>
13-18	1-person to 6-or-more-person households

STAGE II

	<i>Owner Occupied</i>
19	Negro
20	Not Negro
	<i>Renter Occupied</i>
21	Negro
22	Not Negro

Vacant housing units:

23	Year-round vacant for sale
24	Year-round vacant for rent
25	Other vacant

At each stage, for each of the occupied housing groups, the ratio of the complete count to the weighted sample count of the housing units in the group was computed and applied to the weight of each sample unit in the group. This operation was performed for each of the 18 groups in the first stage, then for the four groups in the second stage. As a rule, the weighted sample counts within each of the 4 groups in the second stage for occupied units should agree with the complete counts for the weighting areas (close, although not exact consistency can be expected for the 18 groups in the first stage). Similarly, the weighted sample counts within each of the 3 groups in the single stage for vacant housing units should agree with the complete counts for the weighting area.

There are some exceptions to this general rule, however. As indicated above, there may be differences between the complete counts and sample estimates when the tabulation area is not made up of whole weighting areas. Furthermore, in order to increase the reliability, a separate ratio was not computed in a group whenever certain criteria pertaining to the complete count of housing units and the magnitude of the weight were not met. For example, for the 20-percent sample the complete count of units in a group had to exceed 70 units and the ratio of the complete count to the unweighted sample count could not exceed 20. Where these criteria were not met, groups were combined in a specific order until the conditions were met. Where this occurred, con-

sistency between the weighted sample and the complete counts would apply as indicated above for the combined group but not necessarily for each of the groups in the combination.

Each sample housing unit was assigned an integral weight to avoid the complications involved in rounding in the final tables. If, for example, the final weight for a group was 5.2, one-fifth of the units in the group (selected at random) were assigned a weight of 6 and the remaining four-fifths a weight of 5.

The estimates realize some of the gains in sampling efficiency that would have resulted had the population been stratified into the groups before sampling. The net effect is a reduction in both the sampling error and possible bias of most statistics below what would be obtained by weighting the results of the sample by a uniform factor (e.g., by weighting the 20-percent sample results by a uniform factor of 5). The reduction in sampling error will be trivial for some items and substantial for others. A by-product of this estimation procedure is that estimates for this sample are, in general, consistent with the complete count for the housing unit groups used in the estimation procedure. A more complete discussion of the technical aspects of these ratio estimates will be presented in a separate report.

SAMPLING VARIABILITY

The estimates from the 20-, 15-, and 5-percent sample tabulations are subject to sampling variability. The standard errors of these estimates can be approximated by using the data in tables B through D. The chances are about 2 out of 3 that the difference (due to sampling variability) between the sample estimate and the figure that would have been obtained from a

complete count is less than the standard error. The chances are about 19 out of 20 that the difference is less than twice the standard error and about 99 out of 100 that it is less than $2\frac{1}{2}$ times the standard error. The amount by which the estimated standard error must be multiplied to obtain other odds deemed more appropriate can be found in most statistical textbooks. The sampling errors may be obtained by using the factors shown in table D in conjunction with table B for absolute numbers and in conjunction with table C for percentages. These tables reflect the effect of simple response variance, but not of bias arising in the collection, processing and estimation steps nor of the correlated errors enumerators introduce; estimates of the magnitude of some of these factors in the total error are being evaluated and will be published at a later date.

Table B shows approximate standard errors of estimated numbers for most statistics based on the 20-percent sample. In determining the figures for this table, some aspects of the sample design, the estimation process, and the size of the area over which the data have been compiled are ignored. Table C shows standard errors of most percentages based on the 20-percent sample. Linear interpolation in tables B and C will provide approximate results that are satisfactory for most purposes. Table D provides a factor by which the standard errors shown in tables B or C should be multiplied to adjust for the effect of the sample size (i.e., whether a 15-percent or 5-percent sample) and the effect of the estimation procedure.

To estimate the standard error for a given characteristic, locate the factor in table D for the appropriate characteristic and the sample size used to tabulate the data, and multiply this

factor by the standard error found in table B or C. Where data are shown as cross-classifications of two characteristics, locate and use the larger factor. Similarly, if an item, although collected on one sample basis, has been tabulated for a smaller sample, use the factor appropriate for the smaller sample.

The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference, the tables are to be used somewhat differently in the three following situations:

1. For a difference between the sample figure and one based on a complete count (e.g., arising from comparisons between sample statistics for 1970 and complete-count statistics for 1960 or 1950), the standard error is identical with the standard error of the 1970 estimate alone.
2. For a difference between two sample figures (that is, one from 1970 and the other from 1960, or both from the same census year), the standard error is approximately the square root of the sum of the squares of the standard errors of each estimate considered separately. This formula will represent the actual standard error quite accurately for the difference between estimates of the same characteristics in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive correlation between the two characteristics, the formula will overestimate the true standard error. The approximate standard error for the 1970 sample figure is derived directly from tables B

through D. The standard error of a 1960 sample figure may be obtained from the relevant 1960 census report.

3. For a difference between two sample estimates, one of which represents a subclass of the other, the tables can be used directly with the difference considered as the sample estimate.

The sampling variability of the medians presented in certain tables (median rooms, median value, median gross rent, etc.) depends on the size of the base and on the distribution on which the median is based. An approximate method for measuring the reliability of an estimated median is to determine an interval about the estimated median such that there is a stated degree of confidence the true median lies within the interval. As the first step in estimating the upper and lower limits of the interval (that is, the confidence limits) about the median, compute one-half the number on which the median is based (designated $N/2$). From table B, following the method outlined in other parts of this section, compute the standard error of an estimated number equal to $N/2$. Subtract this standard error from $N/2$. Cumulate the frequencies (in the table on which the median is based) until the total first exceeds the difference between $N/2$ and its standard error, and by linear interpolation obtain a value corresponding to this number. In a corresponding manner, add the standard error to $N/2$, cumulate the frequencies in the table, and obtain a value in the table on which the median is based corresponding to the sum of $N/2$ and its standard error.

The chances are about 2 out of 3 that the median would lie between these two values. The range for 19 chances out of 20 and for 99 in 100

APPENDIX C—Continued

can be computed in a similar manner by multiplying the standard error by the appropriate factors before sub-

tracting from and adding to one-half the number reporting the characteristics. Interpolation to obtain the

values corresponding to these numbers gives the confidence limits for the median.

TABLE B. Approximate Standard Error of Estimated Number Based on 20-Percent Sample
(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated number ¹	Number of housing units in area ²						
	10,000	25,000	100,000	250,000	1,000,000	2,500,000	4,000,000
50	15	15	15	15	15	15	15
100	20	20	20	20	20	20	20
250	30	30	30	30	30	30	30
500	45	45	45	45	45	45	45
1,000	60	60	65	65	65	65	65
2,500	90	95	100	100	100	100	100
5,000	100	130	140	140	140	140	140
10,000 .....	...	150	190	200	200	200	200
15,000 .....	...	150	230	240	240	240	240
25,000 .....	...	...	270	300	310	310	320
50,000 .....	...	...	320	400	440	440	440
75,000 .....	...	...	270	450	520	540	540
100,000 .....	...	...	...	490	600	620	630

¹ For estimated numbers larger than 100,000, the relative errors are somewhat smaller than for 100,000.

² An area is the smallest complete geographic area to which the estimate under consideration pertains. Thus, the area may be the standard metropolitan statistical area or the place. Housing units with Negro heads of household or Spanish heritage heads of household do not represent complete areas.

TABLE C. Approximate Standard Error of Estimated Percentage Based on 20-Percent Sample
(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated percentage	Base of percentage						
	500	1,000	2,500	10,000	25,000	100,000	250,000
2 or 98	1.3	0.9	0.6	0.3	0.2	0.1	0.1
5 or 95	2.0	1.4	0.9	0.4	0.3	0.1	0.1
10 or 90	2.7	1.9	1.2	0.6	0.4	0.2	0.1
25 or 75	3.9	2.7	1.7	0.9	0.5	0.3	0.2
50	4.5	3.2	2.0	1.0	0.6	0.3	0.2

TABLE D. Factor to be Applied to Standard Errors

Characteristic ¹	Factor if sample rate is—			Characteristic ¹	Factor if sample rate is—		
	20 percent	15 percent	5 percent		20 percent	15 percent	5 percent
OCCUPANCY AND VACANCY CHARACTERISTICS				EQUIPMENT, FUELS, AND APPLIANCES			
Year moved into unit .....	...	1.1	...	Heating equipment	0.8	0.9	...
Duration of vacancy	0.8	...	1.7	Air conditioning .....	...	1.1	...
UTILIZATION CHARACTERISTICS				Automobiles available .....	...	1.0	...
Rooms	1.0	1.1	2.1	Appliances .....	...	...	1.9
Size of household (persons)	0.5	0.6	1.2	FINANCIAL CHARACTERISTICS			
Persons per room	0.4	0.5	0.9	Value	1.0	1.1	2.1
Bedrooms .....	...	...	2.1	Value-income ratio	1.0	1.2	...
PLUMBING CHARACTERISTICS				Gross rent	0.9	1.1	2.1
Complete bathrooms .....	...	1.1	...	Gross rent as percentage of income	1.0	1.2	...
Plumbing facilities	1.0	...	...	Sales price asked	1.1	...	2.5
STRUCTURAL CHARACTERISTICS				Rent asked	1.1	...	2.5
Units in structure	0.8	0.9	1.7	HOUSEHOLD CHARACTERISTICS			
Year structure built	0.9	1.0	...	Household composition	0.6	0.7	...
				Income in 1969	1.0	1.2	2.3
				ALL OTHERS	1.0	1.2	2.2

¹Tabulations of housing data for households with heads of Spanish heritage are based on the 15-percent sample. For characteristics of households with heads of Spanish heritage (tables 19 to 26), use the factors given for the 15-percent sample.

NOTE: In this report an item collected for the 20-percent sample may be cross-tabulated with other items based on the 15-percent or 5-percent samples. In such cases, locate the factor for both items in Table D for the smaller sample size. Use the larger of the two factors. For example, in Table 9, duration of vacancy (a 20-percent item) is cross-tabulated by number of bedrooms (a 5-percent item). The factor for duration of vacancy based on a 5-percent sample is 1.7 and for bedrooms it is 2.1. The factor of 2.1 should be used to adjust the standard errors since it is the larger of the two factors based on the 5-percent sample.

Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

The results of the 1970 Census of Population and Housing are being issued in the form of printed reports, microfiche copies of the printed reports, computer summary tapes, computer printouts, and microfilm. Listed below are short descriptions of the final report series and computer tapes, as currently planned. More detailed information on this program can be obtained by writing to the Publications Distribution Section, Bureau of the Census, Washington, D.C. 20233.

Housing Census Reports

Volume I.

HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain two chapters designated as A and B. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in two series designated as HC(1)-A and B, respectively.

■ Series HC(1)-A.

GENERAL HOUSING CHARACTERISTICS

Statistics on tenure, kitchen facilities, plumbing facilities, number of rooms, persons per room, units in structure, mobile home, telephone, value, contract rent, and vacancy status are presented for some or all of the following areas: States (by urban and rural residence), standard metropolitan statistical areas (SMSA's), urbanized areas, places of 1,000 inhabitants or more, and counties.

■ Series HC(1)-B.

DETAILED HOUSING CHARACTERISTICS

Statistics are presented on a more detailed basis for the subjects included in the Series HC(1)-A reports, as well as on such additional subjects as year moved into unit, year structure built, basement, heating equipment, fuels, air conditioning, water and sewage, appliances, gross rent, and ownership of second home. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, urbanized areas, places of 2,500 inhabitants or more, and counties (by rural and rural-farm residence).

Volume II.

METROPOLITAN HOUSING CHARACTERISTICS

These reports, also designated as Series HC(2), cover most of the 1970 census housing subjects in considerable detail and cross-classification. There is one report for each SMSA, presenting data for the SMSA and its central cities and places of 50,000 inhabitants or more, as well as a national summary report.

Volume III.

BLOCK STATISTICS

One report, under the designation Series HC(3), is issued for each urbanized area showing data for individual blocks on selected housing and population subjects. The series also includes reports for the communities outside urbanized areas which have contracted with the Census Bureau to provide block statistics from the 1970 census.

Volume IV.

COMPONENTS OF INVENTORY CHANGE

This volume will contain data on the disposition of the 1960 inventory and the source of the 1970 inventory, such as new construction, conversions, mergers, demolitions, and other additions and losses. Cross-tabulations of 1970 and 1960 characteristics for units that have not changed and characteristics of the present and previous residence of recent movers will also be provided. Statistics will be shown for 15 selected SMSA's and for the United States and regions.

Volume V.

RESIDENTIAL FINANCE

This volume will present data regarding the financing of privately owned nonfarm residential properties. Statistics will be shown on amount of outstanding mortgage debt, manner of acquisition of property, homeowner expenses, and other owner, property, and mortgage characteristics for the United States and regions.

Volume VI.

ESTIMATES OF "SUBSTANDARD" HOUSING

This volume will present counts of "substandard" housing units for counties and cities, based on the number of units lacking plumbing facilities combined with estimates of units with all plumbing facilities but in "dilapidated" condition.

Volume VII.

SUBJECT REPORTS

Each report in this volume will concentrate on a particular subject. Detailed information and cross-classifications will generally be provided on a national level; in some reports, data for States or SMSA's may also be shown. Among the subjects to be covered are housing characteristics by household composition, housing of minority groups and senior citizens, and households in mobile homes.

Population Census Reports

Volume I.

CHARACTERISTICS OF THE POPULATION

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain four chapters designated as A, B, C, and D. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in four series designated as PC(1)-A, B, C, and D, respectively. The 58 PC(1)-A reports will be specially assembled and issued in a clothbound book, designated as Part A.

■ Series PC(1)-A.

NUMBER OF INHABITANTS.

Final official population counts are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, all incorporated places, and unincorporated places of 1,000 inhabitants or more.

■ Series PC(1)-B.

GENERAL POPULATION CHARACTERISTICS

Statistics on age, sex, race, marital status, and relationship to head of household are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, and places of 1,000 inhabitants or more.

■ Series PC(1)-C.

GENERAL SOCIAL AND ECONOMIC CHARACTERISTICS

Statistics are presented on nativity and parentage, State or country of birth, Spanish origin, mother tongue, residence 5 years ago, year moved into present house, school enrollment (public or private), years of school completed, vocational training, number of children ever born, family composition, disability, veteran status, employment status, place of work, means of transportation to work, occupation group, industry group, class of worker, and income (by type) in 1969 of families and individuals. Each subject is shown for some or all of the following areas: States, counties (by urban, rural-nonfarm, and rural-farm residence), SMSA's urbanized areas, and places of 2,500 inhabitants or more.

■ Series PC(1)-D.

DETAILED CHARACTERISTICS

These reports cover most of the subjects shown in Series PC(1)-C, above, presenting the data in considerable detail and cross-classified by age, race, and other characteristics. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, and large cities.

Volume II.

SUBJECT REPORTS

Each report in this volume, also designated as Series PC(2), will concentrate on a particular subject. Detailed information and cross-relationships will generally be provided on a national and regional level; in some reports, data for States or SMSA's will also be shown. Among the characteristics to be covered are national origin and race, fertility, families, marital status, migration, education, unemployment, occupation, industry, and income.

Joint Population-Housing Reports

Series PHC(1).

CENSUS TRACT REPORTS

This series contains one report for each SMSA, showing data for most of the population and housing subjects included in the 1970 census.

Series PHC(2).

GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970

This series consists of one report for each State and the District of Columbia, as well as a national summary report, presenting statistics for the State and for SMSA's and their central cities and constituent counties. Comparative 1960 and 1970 data are shown on population counts by age and race and on such housing subjects as tenure, plumbing facilities, value, and contract rent.

Series PHC(3).

EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS

This series consists of approximately 70 reports, each presenting statistics on the social and economic characteristics of the residents of a particular low-income area. The data relate to low-income neighborhoods in 51 cities and seven rural poverty areas. Each report provides statistics on employment and unemployment, education, vocational training, availability for work,

job history, and income, as well as on value or rent and number of rooms in the housing unit.

Additional Reports

Series PHC(E).

EVALUATION REPORTS

This open series will present the results of the extensive evaluation program conducted as an integral part of the 1970 census program, and relating to such matters as completeness of enumeration and quality of the data on characteristics.

Series PHC(R).

PROCEDURAL REPORTS

This open series presents information on various administrative and methodological aspects of the 1970 census, and will include a comprehensive procedural history of the 1970 census. The first report issued focuses on the forms and procedures used in the data collection phase of the census.

Computer Summary Tapes

The major portion of the results of the 1970 census is produced in a set of six tabulation counts. To help meet the needs of census users, these counts are being designed to provide data with much greater subject and geographic detail than it is feasible or desirable to publish in printed reports. The data so tabulated are generally available—subject to suppression of certain detail where necessary to protect confidentiality—on magnetic computer tape, printouts, and microfilm, at the cost of preparing the copy.

First Count—source of the PC(1)-A reports; contains about 400 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for each of the approximately 250,000 enumeration districts in the United States.

Second Count—source of the PC(1)-B, HC(1)-A, and part of the PHC(1) reports; contains about 3,500 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States.

Third Count—source of the HC(3) reports; contains about 250 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for approximately 1,500,000 blocks in the United States.

Fourth Count—source of the PC(1)-C, HC(1)-B, and part of the PHC(1) reports; contains about 13,000 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States; also contains about 30,000 cells of data for each county.

Fifth Count—contains approximately 800 cells of population and housing data for 5-digit ZIP code areas in SMSA's and 3-digit ZIP code areas outside SMSA's; the ZIP code data are available only on tape.

Sixth Count—source of the PC(1)-D and HC(2) reports; contains about 260,000 cells of data covering the subjects in these reports and tabulated for States, SMSA's, and large cities.

The tapes are generally organized on a State basis. To use the First Count and Third Count tapes, it is necessary to purchase the appropriate enumeration district and block maps.

The term "cells" used herein to indicate the scope of subject content of the several counts refers to each figure or statistic in the tabulation for a specific geographic area. For example, in the Third Count, there are six cells for a cross-classification of race by sex: three categories of race (white, Negro, other race) by two categories of sex (male, female).

In addition to the above-mentioned summary tapes, the Census Bureau makes available for purchase certain sample tape files containing population and housing characteristics as shown on individual census records. These files contain no names or addresses, and the geographic identification is sufficiently broad to protect confidentiality. There are six files, each containing a 1-percent national sample of persons and housing units. Three of the files are drawn from the population covered by the census 15-percent sample and three from the population in the census 5-percent sample. Each of these three files provides a different type of geographic information: One identifies individual large SMSA's and, for the rest of the country, groups of counties; the second individual States and, where they are sufficiently large, provides urban-rural and metropolitan-nonmetropolitan detail; and the third State groups and size of place, with each individual record showing selected characteristics of the persons's neighborhood.



OFFICIAL BUSINESS

Table

1, 11, 19 VALUE

2, 12, 20 GROSS RENT

3, 13, 21 INCOME IN 1969

4, 14, 22 PLUMBING FACILITIES
BY PERSONS PER ROOM

5, 15, 23 ROOMS

6, 16, 24 UNITS IN STRUCTURE

7, 17, 25 HOUSEHOLD COMPOSITION

8, 18, 26 PERSONS

9 DURATION OF VACANCY

10 SALES PRICE ASKED
AND RENT ASKED
